PÖTTINGER Magazine 2018

Product range for grassland, soil and seed

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PÖTTINGER

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Working together for a successful future.

In recent years, PÖTTINGER has proven its incredible reliability and energy by continuing to drive development in agricultural technology. As a traditional Austrian company more than 145 years old, we have been able to greatly extend our international status as a result.

Our motto 'More success with PÖTTINGER' is more than just a promise to our customers; it is also our guiding principle. Our innovations and achievements today, such as global leadership in the loader wagon segment, our international role as a pioneer in grassland technology and our longtime experience and expertise in soil preparation, form the basis for our continued success tomorrow.

As a family-run company we combine these leadership features with personal and dedicated customer care, which many people have come to appreciate as the 'PÖTTINGER spirit'. In combination with the increasing significance of agriculture we see huge potential continuing well into the future for agricultural technology, and thus for PÖTTINGER.

TERRADISC 6001 T TEGOSEM 500

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All information on technical data, dimensions, weights, output, etc. is approximate and is not binding.

A company based on tradition and progress

1871
Development of a **forage cutting machine** and company founded by **Franz Pöttinger** in Grieskirchen.

1950
Start series production of hay loaders and rakes.

1960
Development of the **PÖTTINGER conveyor hay rake** which revolutionised working on slopes.

1963
Ground-breaking new development of **loader wagon technology** – PÖTTINGER becomes the largest loader wagon manufacturer in the world.

1975
Acquisition of the **Bavarian Plough Factory** in Landsberg am Lech sees start so steady expansion of the tillage range.

1986
Thanks to the **MULTITAST wheel** in front of the rotor, the support triangle on PÖTTINGER rakes is maximised. This guarantees greatly reduced forage contamination.

1996
New **painting line** with powder-coating in Grieskirchen.

1999
Launch of the **JUMBO** high-performance loader wagon for use over large areas revolutionises silage making technology.

2001
Acquisition of **seed drill technology plant in Bernburg, Germany** and founding of PÖTTINGER Sätechnik GmbH.

2004
The **TERRASEM mulch drilling concept** combines disc harrow, tyre packer and coulter rail for optimum seed germination and plant growth.

2006
ALPHA MOTION – the new generation of front-mounted mowers – **machine of the year 2006.**

2008
Construction of new **assembly line** in Grieskirchen. Further expansion of **Vodnany plant** in the Czech Republic.

2008
TRACTION CONTROL applies ballast to the rear axle of the tractor when ploughing with the SERVO 45 S.

2009
World first – **AUTOCUT** Fully automatic knife sharpening system for JUMBO and TORRO loader wagons.

2010
SERVO 6.50 semi-mounted ploughs with TRACTION CONTROL are added to the soil preparation range.

2012
TOPTECH PLUS rotor technology boosts the strength and reliability of PÖTTINGER TOP rakes.

2012
The **LIFTMATIC PLUS** system on PÖTTINGER tedders keeps forage clean without the tines scraping the ground.

2012
DYNATECH rotors guarantee a perfect spread pattern with HIT tedders.

2013
With a working width of 36.75 ft / 11.20 m, the **NOVACAT S12** becomes the largest mounted mower combination on the market.

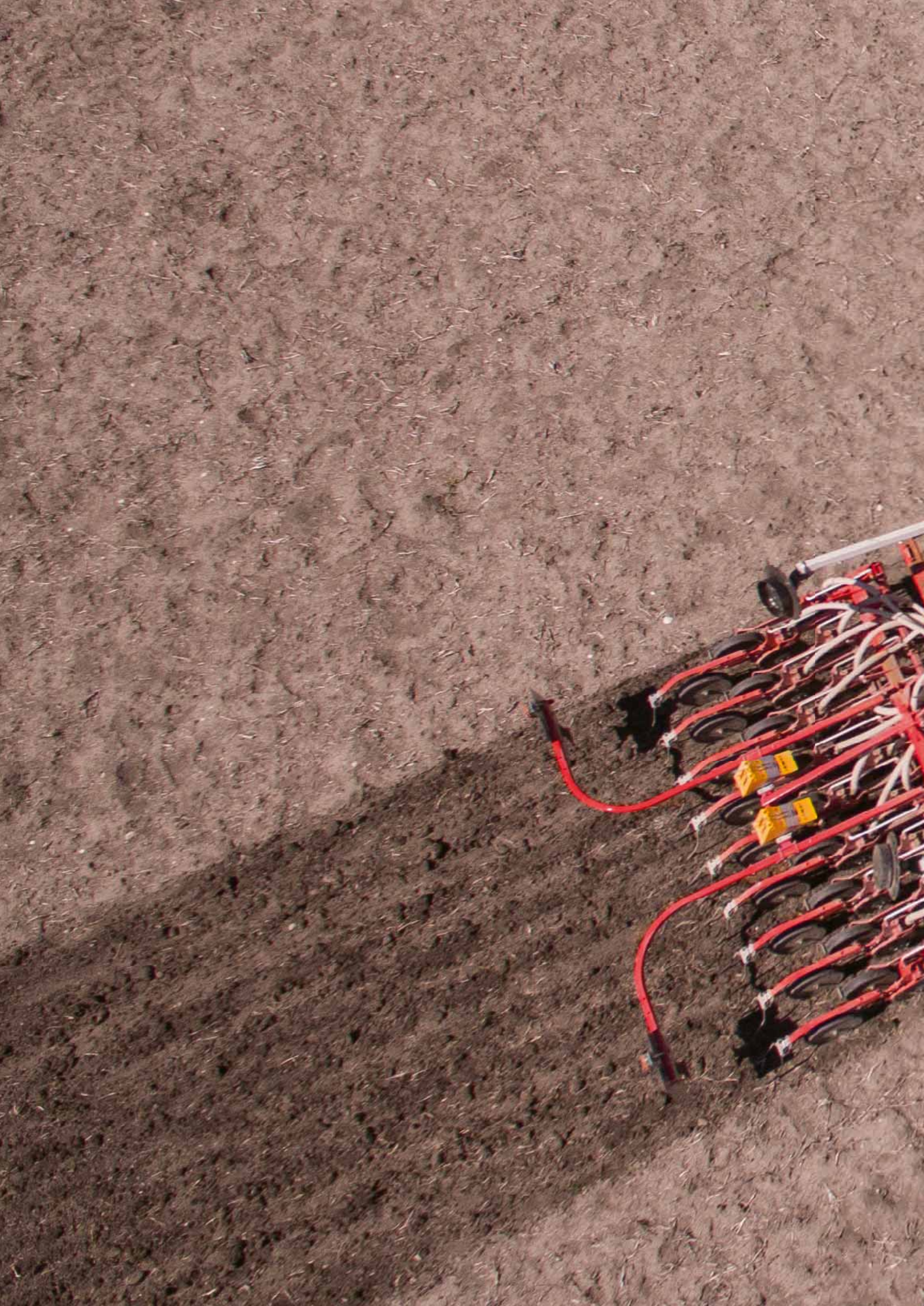
2013
The latest **AEROSEM** seed drill concept from PÖTTINGER unites the drilling of cereals and precision seeding of maize. **Machine of the Year 2014.**

2013
Unique **POWERCUT** system chops forage perfectly.

2015
With the new **IMPRESS** round baler, PÖTTINGER sets a new standard in baler technology.

2017
Our new spare parts logistics centre in Taufkirchen started operation in March 2017.

2017
PÖTTINGER Plant World modernisation project in Grieskirchen. Expansion and modernisation of our plant in Austria.



KOTTINGER

Ploughs

Non-stop ploughing

The heavy-duty and intelligent design of PÖTTINGER ploughs ensures optimum distribution of force and strength at the points of the plough beam subject to the highest stress. The unique PÖTTINGER control centre lets you easily adapt the plough perfectly to all types of soil and the current operating conditions.

SERVO 6.50 NOVA

TRACTION CONTROL

TRACTION CONTROL is available as an option on SERVO 45 S and 6.50 models to provide defined loading of the tractor rear axle. Wheel slips is reduced by perfectly matching the pulling force and load on the rear axle. As a result, this enables maximum performance on the part of the tractor. This saves up to 0.17 gal/acre / 2 litres of fuel per hectare and conserves the soil.

Assessment of the influence of TRACTION CONTROL on fuel consumption and wheel slip

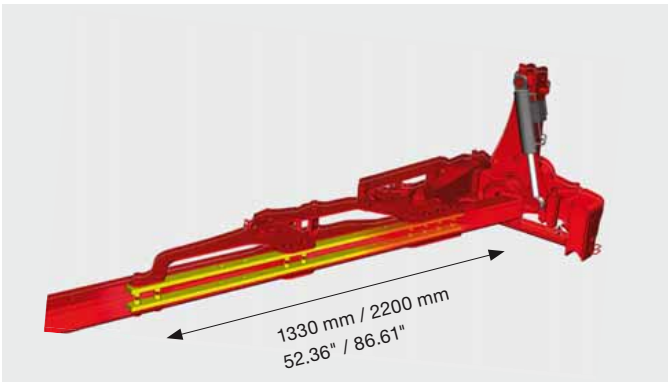
Performance and consumption data for medium-heavy soil, working width 8.52' / 2.60 m, working depth 9.84" / 250 mm			
Driving strategy	without TRACTION CONTROL	with TRACTION CONTROL	Efficiency
Performance	4.79 acres/h / 1.94 ha/h	5.12 acres/h / 2.07 ha/h	+ 0.32 acres/h / 0.13 ha/h
Diesel consumption	1.82 gal/acres / 20.5 l/ha	1.64 gal/acre / 18.4 l/ha	- 0.18 gal/acre / 2.1 l/ha
Diesel consumption	8.73 gal/h / 39.7 l/h	8.36 gal/ha / 38.0 l/h	- 0.37gal/h / 1.7 l/h
Wheel slip	4.8 %	3.3 %	- 1.5 %

Markus Schüller, Gerhard Moitzi, Institute for agricultural technology at the Soil Sciences University in Vienna
Helmut Wagentristl, Pilot Farm in Groß Enzersdorf, Soil Sciences University in Vienna

NONSTOP trip leg system

A hydraulic overload protection system with adjustable triggering force protects the plough against damage. This system has a very clever triggering pressure system: The leg does not trip until the set resistance has been reached. Then the pressure required to trigger the leg reduces as the leg rises.

- No digging or loosening of big rocks. This protects the whole plough.
- On re-penetrating the soil, the pressure increases to ensure reliable penetration in heavy, dry soil.
- Set the trigger point quickly and easily using the pressure gauge on the headstock.



Mould boards

- Slatted and solid mould boards in hardened, fine-grained boron steel.
- Four way reversible landside.
- Synthetic plough bodies for soils with low stability.

High-strength plough beam on mounted versions

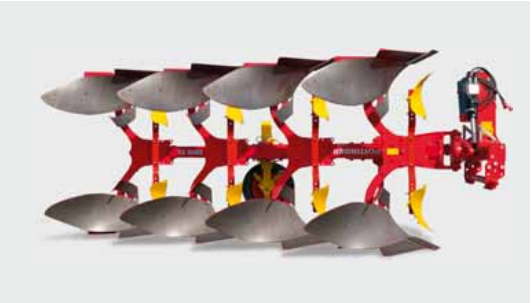
- Maximum plough beam strength at the point of maximum bending stress.
- The inner web increases resistance to flexing by up to 25 %.
- Best power distribution and strength thanks to full-length plough beam reinforcement.

SERVOMATIC control centre

With SERVOMATIC setting technology, you can quickly and easily adjust the plough to the tractor and soil conditions.

- Straightforward yet ingenious plough set-up.
- Saves time with flexible mounting for modern tractor geometries.
- For perfect working results.

Overview of plough models



SERVO mounted ploughs with stepped furrow widths

The single-piece plough beam manufactured from micro-alloyed fine-grained steel is reinforced on the SERVO series 35 to 45 S by two bolted bars (strong backbone) mounted inside. The thick walls of the plough beam provide a secure seat for mounting plough legs and skimmers. A large selection of modern mould boards is available to match every soil type.

	Furrows	Inter-body spacing inch / mm	For tractors up to
SERVO 25	2 / 3 / 4	33.5/37.4/40.2 / 850/950/1020	103 kW / 140 hp
SERVO 35	3 / 4 / 5	37.4/40.2 / 950/1020	103 kW / 140 hp
SERVO 35 S	4 / 5 / 6	37.4/40.2 / 950/1020	125 kW / 170 hp
SERVO 45	4 / 5	37.4/40.2 / 950/1020	125 kW / 170 hp
SERVO 45 S	4 / 5 / 6	37.4/40.2 / 950/1020	257 kW / 350 hp
SERVO 6.50	6 / 7 / 8 / 9	37.4 / 1020	265 kW / 360 hp

SERVO NOVA mounted ploughs with hydraulic trip legs

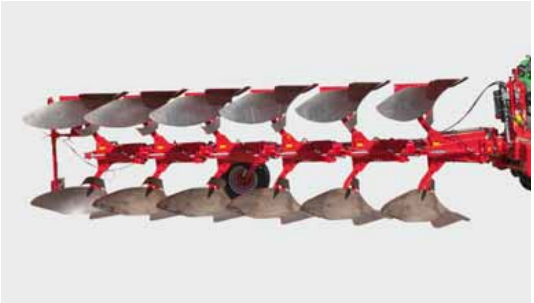
An overload protection system with adjustable triggering force protects the plough against damage. The pressure required to trigger the leg reduces as the leg rises to protect the whole plough. The pressure increases again during re-penetration. Each pair of plough bodies has its own hydraulic accumulator.

	Furrows	Inter-body spacing inch / mm	For tractors up to
SERVO 25 NOVA	2 / 3 / 4	33.5/37.4/40.2 / 850/950/1020	103 kW / 140 hp
SERVO 35 NOVA	3 / 4	34.6/37.4/40.2 / 880/950/1020	103 kW / 140 hp
SERVO 35 S NOVA	4 / 5	34.6/37.4/40.2 / 880/950/1020	125 kW / 170 hp
SERVO 45 NOVA	4 / 5	37.4/40.2 / 950/1020	125 kW / 170 hp
SERVO 45 S NOVA	4 / 5 / 6	37.4/40.2 / 950/1020	257 kW / 350 hp
SERVO 6.50 NOVA	6 / 7 / 8	37.4 / 1020	265 kW / 360 hp

SERVO PLUS – mounted ploughs with hydraulic furrow width adjustment

We developed the SERVO PLUS models for convenient and time-saving ploughing. Our plough adapts to changes in ground conditions and working depth. Front furrow width, pulling point and skimmers all adjust automatically at the same time.

	Furrows	Inter-body spacing inch / mm	For tractors up to
SERVO 35 PLUS	3 / 4	37.4/40.2 / 950/1020	103 kW / 140 hp
SERVO 35 S PLUS	4 / 5	37.4/40.2 / 950/1020	125 kW / 170 hp
SERVO 45 PLUS	3 / 4 / 5	37.4/40.2 42.3 / 950/1020/1150	125 kW / 170 hp
SERVO 45 S PLUS	4 / 5 / 6	37.4/40.2 / 950/1020	257 kW / 350 hp
SERVO 6.50 PLUS	6 / 7 / 8 / 9	37.4 / 1020	265 kW / 360 hp



SERVO PLUS NOVA – the hydraulic multi-talent

Ploughs with hydraulic furrow width adjustment and hydraulic trip leg system offer you maximum reliability and flexibility.

	Furrows	Inter-body spacing inch / mm	For tractors up to
SERVO 35 PLUS NOVA	3 / 4	34.6/37.4/40.2 / 880/950/1020	103 kW / 140 hp
SERVO 35 S PLUS NOVA	4 / 5	37.4/40.2 / 950/1020	125 kW / 170 hp
SERVO 45 PLUS NOVA	4 / 5	37.4 / 950	125 kW / 170 hp
SERVO 45 S PLUS NOVA	4 / 5	37.4/40.2 / 950/1020	257 kW / 350 hp
SERVO 45 S PLUS NOVA	4 / 5 / 6	37.4/40.2 / 950/1020 not 6 furrow	257 kW / 350 hp
SERVO 6.50 PLUS NOVA	6 / 7 / 8	37.4 / 1020	265 kW / 360 hp

Stubble cultivator

Airing the soil

The PÖTTINGER SYNKRO cultivators have been developed to deliver the best in stubble cultivation, and are suitable for both shallow and deep cultivation. During the design phase, special attention was paid to low drag resistance and low power requirement.

SYNKRO 3030

Hydraulic depth adjustment (optional) NEW

- Flexible adaptation to changing operating situations and soil conditions.
- Hydraulic jockey wheel adjustment on T models.
- Quick and convenient operation – from the tractor seat.

Choice of shares

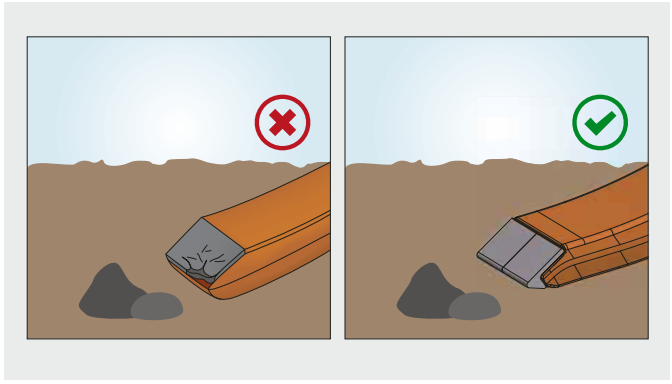
- The SYNKRO 1030 series is fitted with a point/wing share combination. The narrow tine spacing of 10.62 inch / 270 mm ensures optimum mixing-in of harvest residues. The ideal tool for mulch drilling.
- For deeper tillage, you can choose between a narrow point with quick change system, a double diamond point or a chisel point.
- Hardened chisel points and armoured wing shares (optional) extend service life.
- The slightly curved shins mix the flow of soil from the side – an intensive rolling movement without flinging soil upwards.

The highest level of convenience

- The depth adjustment for the rear roller enables the working depth to be adjusted quickly and easily using a straightforward pin-in-hole system.
- Thanks to the tapered frame the control centre is easily accessible.
- You only need to adjust two setting points – even on wide, folding stubble cultivators.

NOVA stone protection system

- On the SYNKRO NOVA, spring-mounted tines guarantee NONSTOP cultivation in stony soil.
- The levelling discs are protected.
- The triggering force of 1212 lbs / 550 kg diminishes as the leg is raised – stones are not pulled up or loosened.
- Two tine positions for reliable ground penetration in the hardest conditions.
- Additional shear bolt prevents fractures.
- Coating even withstands stone impact.



without hardened points with hardened points

DURASTAR PLUS points

- High quality steel and hardened metal for the points.
- Much longer service life and higher resistance to fracture for top reliability.
- Up to six times more durable – saving costs and time.
- Improved penetration, lower power required thanks to optimised leading edge.
- Optimum loosening and mixing through of soil.

DURASTAR PLUS

SYNKRO two-row linkage-mounted stubble cultivators

PÖTTINGER SYNKRO cultivators have been developed to deliver optimum stubble cultivation. Our compact two-row series operates smoothly at a low power requirement. A frame height of 31.49 inch / 800 mm guarantees you trouble-free operation.

	Working width ft / m	Tines	Tine spacing inch / mmm	Power requirement from
SYNKRO 2520 / 2520 NOVA	8.20 / 2.50	6	16.73 / 425	51 kW / 70 hp
SYNKRO 3020 / 3020 NOVA	9.84 / 3.00	7	16.53 / 420	66 kW / 90 hp
SYNKRO 4020 K /4020 K NOVA	13.12 / 4.00	9	17.23 / 440	103 kW / 140 hp
SYNKRO 5020 K / 5020 K NOVA	16.40 / 5.00	11	17.71 / 450	110 kW / 150 hp
SYNKRO 6020 K / 6020 K NOVA	19.68 / 6.00	13	18.11 / 460	129 kW / 175 hp

SYNKRO three-row linkage-mounted stubble cultivators

You can use our SYNKRO three-row stubble cultivators for shallow and deep tillage. A central adjustment system allows you to adjust the working depth quickly and easily.

	Working width ft / m	Tines	Tine spacing inch / mm	Power requirement from
SYNKRO 3030 / 3030 NOVA	9.84 / 3.0	11	10.60 / 270	80 kW / 110 hp
SYNKRO 3530 / 3530 NOVA	11.48 / 3.5	12	11.20 / 285	96 kW / 130 hp
SYNKRO 4030 K / 4030 K NOVA	13.12 / 4.0	14	11.02 / 280	110 kW / 150 hp
SYNKRO 5030 K / 5030 K NOVA	16.40 / 5.0	18	11.02 / 280	132 kW / 180 hp

SYNKRO T three-row trailed stubble cultivators

These stubble cultivators are equipped with a transport chassis. The weight acting on the hitch is reduced and your tractor is protected. The transport chassis is raised during operation in the field. In the raised position, it applies additional pressure to the points. Reliable ground penetration is guaranteed as a result, even in the toughest, driest and hardest of conditions.

	Working width ft / m	Tines	Tine spacing inch / mm	Power requirement from
SYNKRO 4030 T / 4030 T NOVA	13.12 / 4.0	14	11.02 / 280	110 kW / 150 hp
SYNKRO 5030 T / 5030 T NOVA	16.40 / 5.0	18	11.02 / 280	132 kW / 180 hp
SYNKRO 6030 T / 6030 T NOVA	19.68 / 6.0	22	10.60 / 270	155 kW / 210 hp

K = folding, T = trailed, folding

SYNKRO 6030 T

MULTILINE concept

PÖTTINGER's MULTILINE concept creates a true all-rounder for arable professionals. By combining a trailed SYNKRO stubble cultivator with a VITASEM A seed drill, you gain maximum flexibility and cost effectiveness. In addition, the PÖTTINGER seed drill can also be teamed up with a SYNKRO stubble cultivator, LION power harrow or FOX compact combination. Moreover, the SYNKRO MULTILINE can also be used on its own for soil cultivation.

Your advantages

- Maximum versatility and flexibility.
- Cost-effective mulch drilling technology.
- Extend the range of applications: Seed drill combination and solo cultivation.
- High output even with small tractors.
- Easy to fit and remove the seed drill.

SYNKRO MULTILINE

The SYNKRO MULTILINE is a trailed machine with drawbar, rubber packer roller and Cat II lower linkage cross shaft. This results in less weight acting on the rear axle of the tractor, enabling high output to be achieved even with smaller tractors. At headlands and during transport, the unit is lifted on the rubber packer roller with central axle support. This ensures smooth running, high ground clearance, and a low soil compaction at headlands.

Working cost-effectively

Combining a SYNKRO stubble cultivator with a VITASEM seed drill provides the basis for high output and cost-effective mulch drilling technology. At the same time, the PÖTTINGER seed drill can be combined economically and flexibly with the LION or FOX.

Flexible all-rounder

The VITASEM seed drill can be mounted on the packer quickly and easily. You can therefore use the SYNKRO MULTLINE at any time on its own for stubble cultivation or seedbed preparation. This turns the SYNKRO MULTILINE into a high-performance all-rounder for a wide range of applications. The SYNKRO can also be used in minimum tillage farming for preparing the soil thoroughly with its deep loosening effect.

Re-consolidating the seed slot

The packer ring spacing on the rubber packer roller of 4.92 inch / 125 mm is precisely matched to PÖTTINGER seed drills with 24 rows. The seed is placed precisely in the re-consolidated slot. In addition, the entire weight of the machine acts on the rear roller, conserving the soil during operation and at the headland. The SYNKRO MULTILINE is especially suitable for producing a perfect tilth in light to medium soils.

	Working width ft / m	Tines	Packer ring spacing inch / mm	Minimum power requirement
SYNKRO 3030 MULTILINE	9.84 / 3.0	11	4.92 / 125	80 KW / 110 hp
SYNKRO 3030 NOVA MULTILINE	9.84 / 3.0	11	4.92 / 125	80 KW / 110 hp

Compact combinations

Clever seedbed preparation

Our FOX and FOX D compact combinations deliver smooth-running, fuel-saving seedbed preparation. Combined with a PÖTTINGER seed drill, this implement becomes a cost-effective seed drill combination.

FOX 300

FOX harrow tines

- The FOX is equipped with spring tines configured in two rows for a fine, crumbly seedbed.
- The tines can be adjusted to 3 positions and are particularly suitable for light to medium soils with low levels of crop residues.

FOX D discs

- With the FOX D the discs take over the preparation of the soil. The discs are mounted on rubber elements that provide a degree of vertical travel and are suitable for slightly stony soil.
- The discs have a diameter of 16.14 inch / 410 mm and are fitted with sealed bearings.

Smooth running to save fuel

- During the development of the PÖTTINGER compact combinations, great attention was paid to compact dimensions and low draft.
- This lets you use smaller tractors to deliver fuel-saving and efficient seedbed preparation.

Rapid sowing

- Combined with a PÖTTINGER seed drill, this implement becomes a cost-effective 3-point-mounted seed drill combination.
- The drill is mounted either on the packer roller or using HYDROLIFT.

Easy to adjust

- The lugs for the lower linkages are mounted on bars that can be slid into three different positions.
- In addition, two different top link positions make it easy to connect up and adapt to any tractor.

FOX compact combinations with harrow tines or discs

The compact design is a trademark of our FOX compact combinations. You can also achieve high working speeds with these drill combinations. The harrow tines can be used on light, sandy soils to produce a fine, crumbly seedbed. The FOX D disc version is the right choice if organic matter also needs to be incorporated.

	Working / Transport width ft / m	Tines / discs	Tine/disc spacing inch / mm	Working depth inch / mm	Power requirement from
FOX 300	9.84 / 3.0	19	6.10 / 155	1.18 – 3.14 / 30 – 80	55 kW / 75 hp
FOX 300 D	9.84 / 3.0	22	5.11 / 130	1.18 – 3.14 / 30 – 80	55 kW / 75 hp
FOX 350	11.84 / 3.5	23	6.10 / 155	1.18 – 3.14 / 30 – 80	66 kW / 90 hp
FOX 350 D	11.84 / 3.5	26	5.11 / 130	1.18 – 3.14 / 30 – 80	66 kW / 90 hp
FOX 400	13.12 / 4.0	25	6.10 / 155	1.18 – 3.14 / 30 – 80	74 kW / 100 hp
FOX 400 D	13.12 / 4.0	30	5.11 / 130	1.18 – 3.14 / 30 – 80	74 kW / 100 hp

D = disc

FOX 400

The wider alternative

FOX 350 / FOX 400

This lightweight linkage-mounted machine is ideal for use in light to medium soils with low levels of harvest residues. Combined with a seed drill, the FOX compact combination demonstrates yet another talent. The result is a cost-effective mulch drilling combination.

Powerful compact combinations

- More productivity with wider working widths.
- FOX 350 with 11.84 ft / 3.5 m working width.
- FOX 400 with 13.12 ft / 4 m working width.

Versatile applications

- Solo for mixing harvest residues into the soil.
- Combined with a PÖTTINGER seed drill to form a cost-effective seed drill combination.
- Can be combined with linkage-mounted VITASEM, implement-mounted VITASEM and AEROSEM.

	Working width ft / m	Transport width ft / m	Tines	Tine spacing inch / mm	Working depth inch / mm	Power requirement from
FOX 350	11.84 / 3.5	11.84 / 3.5	23	6.10 / 155	1.18 – 3.14 / 30 – 80	66 kW / 90 hp
FOX 400	13.12 / 4.0	13.12 / 4.0	25	6.10 / 155	1.18 – 3.14 / 30 – 80	74 kW / 100 hp

Applying and incorporating slurry

FOX 300 D / 350 D / FOX 400 D

Combined with a slurry application system, the FOX D becomes a real all-rounder. Slurry can be distributed and immediately incorporated during a single pass. Effective and efficient work are guaranteed.

Quick and effective slurry application

- FOX D compact combinations can be rigged with a slurry application kit (Vogelsang).
- Slurry applied and worked in during a single pass.
- FOX 300 D, FOX 350 D, FOX 400 D are mounted on the slurry tanker's three-point hitch.
- Smooth running and blockage-free operation.

Incorporating slurry with the FOX D to avoid nitrogen loss

- Simultaneous slurry application and incorporation saves time and costs.
- Incorporated within four hours in compliance with regulations.
- Protects soil due to fewer passes.
- Significantly lower nutrient losses.
- Lower ammonia emissions.
- Reduction in aroma.

	Working width ft / m	Transport width ft / m	Discs	Disc spacing inch / mm	Working depth inch / mm	Power requirement from
FOX 300 D	9.84 / 3.0	9.84 / 3.0	22	5.11 / 130	1.18 – 3.14 / 30 – 80	55 kW / 75 hp
FOX 350 D	311.84 / 3.5	11.84 / 3.5	26	5.11 / 130	1.18 – 3.14 / 30 – 80	66 kW / 90 hp
FOX 400 D	13.12 / 4.0	13.12 / 4.0	30	5.11 / 130	1.18 – 3.14 / 30 – 80	74 kW / 100 hp

Disc harrows

Revitalising the soil

The TERRADISC compact disc harrow is designed specifically for stubble cultivation and seedbed preparation. The compact design and aggressive disc angle ensure reliable penetration and excellent mixing in of harvest residues.

TWIN ARM system

- Carrier arm system with two scalloped discs mounted on a wide clamping bracket.
- The discs cannot move to the side.
- Compacted wheel marks are broken up reliably.
- Large discs with a diameter of 22.83 inch / 580 mm.
- Disc spacing of 4.92 inch / 125 mm.
- The aggressive disc angle ensures reliable penetration into the soil.

NONSTOP protection against stones

- A rubber fitting is used to mount the clamping brackets to a thick-walled square cross section tube.
- Four rubber elements in the mounting bracket provide overload protection on contact with large stones and rocks.

TERRADISC – rigid compact disc harrows

The short construction is a key feature of PÖTTINGER compact disc harrows. With the TERRADISC, you have a choice of working depths between 1.18 and 4.72 inch / 30 and 120 mm. The offset configuration of the aggressively set discs mixes the harvest residues effectively into the soil. They deliver optimum processing of your soil.

	Working width ft / m	Discs	Disc diameter inch / mm	Power requirement from
TERRADISC 3001	9.84 / 3.0	24	22.83 / 580	70 kW / 95 hp
TERRADISC 3501	11.49 / 3.5	28	22.83 / 580	85 kW / 115 hp
TERRADISC 4001	13.1 / 4.0	32	22.83 / 580	100 kW / 135 hp

TERRADISC K / T – folding / trailed compact disc harrows

TERRADISC K – the mounted, folding compact disc harrow with a working width of 13.12 to 19.69 ft / 4 to 6 metres and increased manoeuvrability. TERRADISC T harrows are transported on a dedicated chassis. This protects your tractor hydraulics and reduces compaction at the headland.

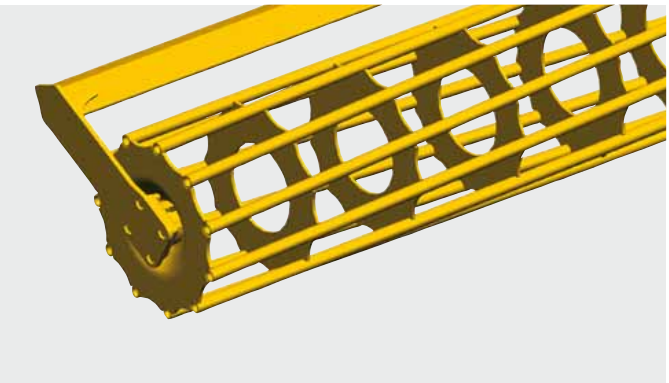
	Working width ft / m	Discs	Disc diameter inch / mm	Power requirement from
TERRADISC 4001 K / T	13.12 / 4.0	32	22.83 / 580	100 kW / 135 hp
TERRADISC 5001 K / T	16.40 / 5.0	40	22.83 / 580	125 kW / 170 hp
TERRADISC 6001 K / T	19.69 / 6.0	48	22.83 / 580	140 kW / 190 hp

Testimonial: Flemming Hansen, Toftlund, Denmark

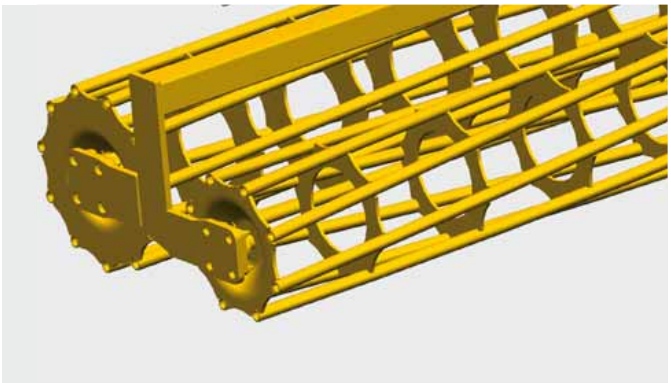
"The aggressive angle of the discs and the Tandem CONOROLL rear roller ensure reliable penetration of the soil and a perfect finish with consolidated ridges. The high output of the 19.69 ft / 6-metre machine with the blockage-free and intensive mixing effect of the concave discs ensures perfect working results. The TERRADISC Frontboard breaks up and levels the soil surface – especially in ploughed fields. This reduces the workload for the following discs as well as my fuel consumption."

K = folding, T = trailed, folding

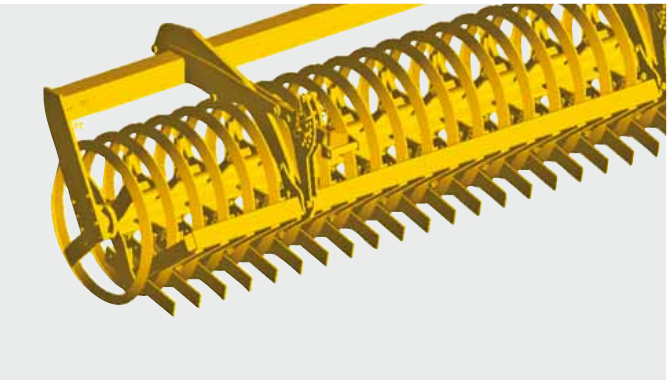
Rear rollers for SYNKRO and TERRADISC



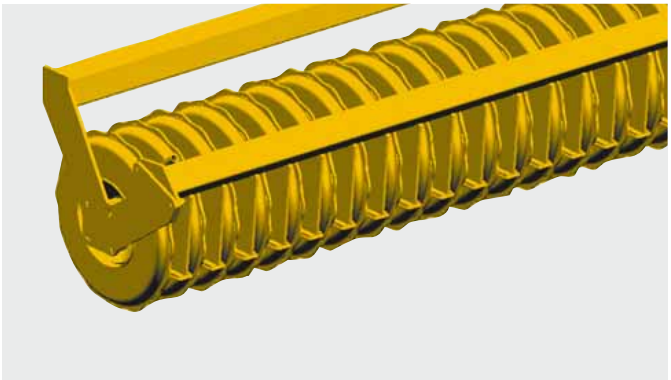
Cage roller
The cage roller is the ideal rear roller for handling dry, non-sticky soils. The roller is fitted with strong rods for optimal re-consolidation. 21.25 inch / 540 mm diameter with 11 bars, 28.98 inch / 660 mm diameter with 12 bars.



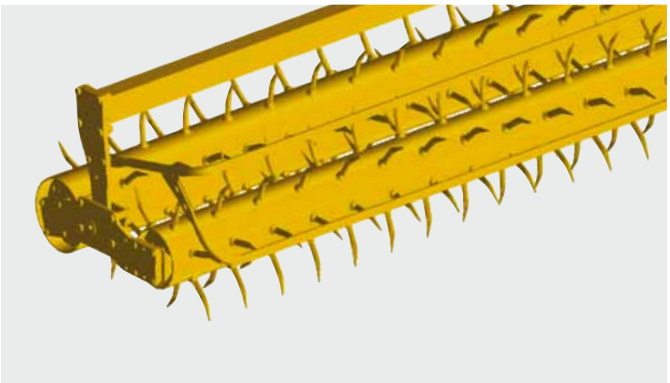
Double cage roller
The double cage roller is fitted with two different diameter rollers (21.25 inch / 540 mm front and 16.53 inch / 420 mm rear). The pendular function ensures optimum ground tracking and perfect tilth.



Knife ring roller
The advantages of the knife ring roller with a diameter of 21.25 inch / 540 mm include enhanced tilth and re-consolidating by means of wedge-shaped rings. The knives between the rings break up clods and keep the rings clean. Consolidated ridges have the advantage that water can be absorbed better. The right choice if you are working on dry and heavy soil.



Pack ring roller
The packer rings, which are closed on the sides, have a diameter of 21.62 inch / 550 mm. There are eight rings per metre of working width. The roller leaves behind consolidated ridges, promoting drainage and soil respiration. The ideal roller on stony, damp ground with large quantities of organic matter.

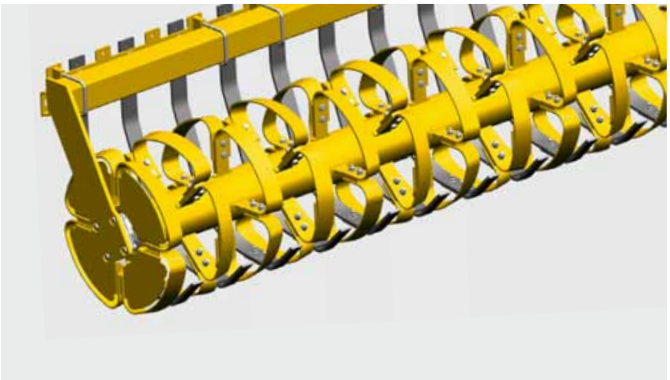


Rotopack roller

Rotopack rollers mix particularly intensively – for light to heavy, non-sticky soils. Harvest residues remain on the surface of the soil and protect your soil against drying out (only up to 9.84 ft / 3.0 m working width).

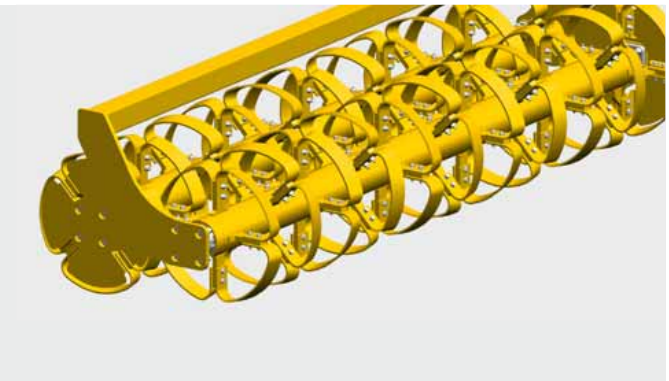
Rubber packer roller

The perfect roller for widely varied soil conditions. Especially for use with trailed implements where the load-bearing capacity of other rollers is near the limit. A diameter of 23.22 inch / 590 mm and the special profiling allows the soil to be consolidated in ridges.



CONOROLL roller

This roller consists of rings with a diameter of 21.25 inch / 540 mm. Each ring is made up of four conical segments that slant to the left and right. The result is a slot with alternate indentations on either side. When rainwater seeps into these indentations, they prevent it from flowing away. The gap between each ring is 5.9 inch / 150 mm. Spring-mounted scrapers are located in between. These promote the formation of a fine tilth while keeping the space between the rings clean. The load-bearing capacity of the CONOROLL is limited on very light soil. This is an ideal roller for medium to heavy soils. You can also use it in harvest residues no problem.



TANDEM CONOROLL roller

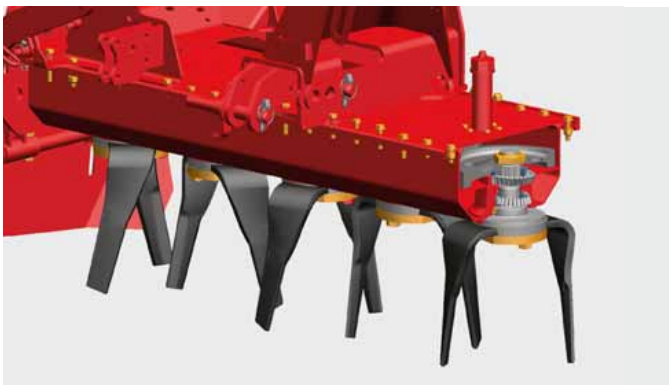
The TANDEM CONOROLL consists of 2 rollers. The diameter of the rings is 22.04 inch / 560 mm. Each ring is made up of four conical segments that slant to the left and right. Erosion caused by rainfall is minimised thanks to the optimum structure created on the soil surface. The loose soil between the rings ensures good drainage. The spacing between the rings is 5.9 inch / 150 mm. Works well on light soil. Ideally suited to trailed machines. The inclination of the roller can be adjusted to allow for the working depth and conditions. This guarantees trouble-free operation in harvest residues and stones.

Power harrows

Preparing the soil

Best quality tilth and excellent mixing of the soil are the highlights of PÖTTINGER power harrows. Combined with a PÖTTINGER seed drill, this machine becomes a high output and cost-effective combination delivering perfect drilling results.

LION 3002



The rotor gear trough – the heart of the machine

- Thick-walled gear trough made of fine-grained steel – extremely resistant to twisting.
- Tapered front section – soil can flow past unrestricted without bulldozing.
- Large gears mounted directly above the bearings. Extended inside teething for secure seat on rotor shaft.
- Bearing housing welded to the central brace and bottom of trough. Exact spacing between each rotor.
- Robust tapered roller bearings in forged, single-piece bearing housings.
- The lower bearings are located as close as possible to the tine carrier.
- The upper and lower bearings are spaced as far apart as possible to minimise stress.
- The tine carriers are integrated into the casing – stones cannot become trapped between the rotors.

The rotor driveline

- The central brace in the gear trough serves as additional reinforcement.
- The lower bearing is seated close to the rotor head for reduced stress.
- Large tapered roller bearings in forged, single-piece bearing housings.
- Smooth operation of the power harrow.

Integrated tine arms

- Harvest residues do not wrap around the tines.
- Stones cannot become trapped.
- 0.7 inch / 18 mm-thick, tempered tines attached centrally by just two bolts – makes servicing easy.
- Quick-change tines (optional).
- Bolts and linch pin are protected from soil and from working loose.

DURASTAR

DURASTAR power harrow tines – coated and proven in the field

PÖTTINGER power harrow tines deliver consistent and low-wear soil preparation and are ideal for mulch drilling. Even in demanding conditions, these tines produce a uniform tilth.

- 60 % longer service life thanks to special coating.
- 0.7 inch / 18-mm-thick reversible tines.
- 0.59 inch / 15-mm-thick tines for LION 303.12 and LION 353.14.
- Excellent retention of shape.
- Consistent work quality.

DURASTAR roller scrapers – tough and proven in the field

Thanks to their special tungsten carbine coating, DURASTAR roller scrapers keep their rollers clean to guarantee perfect working results, even in the toughest conditions.

Your advantages at a glance

- Double the service life thanks to special coating.
- For rollers on LION power harrows and FOX compact combinations.
- Always scrapes roller clean so that it is free to rotate.

LION 303.12 CLASSIC - AEROSEM 3002 ADD

LION power harrows

The bearing housings are welded into the trough before milling at the CNC machining centre. This ensures exact rotor-to-rotor spacing and guarantees you smooth-running and a long service life. Forged components from the PÖTTINGER hardening centre offer many years of reliability. High-strength pivot points, computer-optimised wear parts and hardened steels are the trademarks of our LION power harrows.

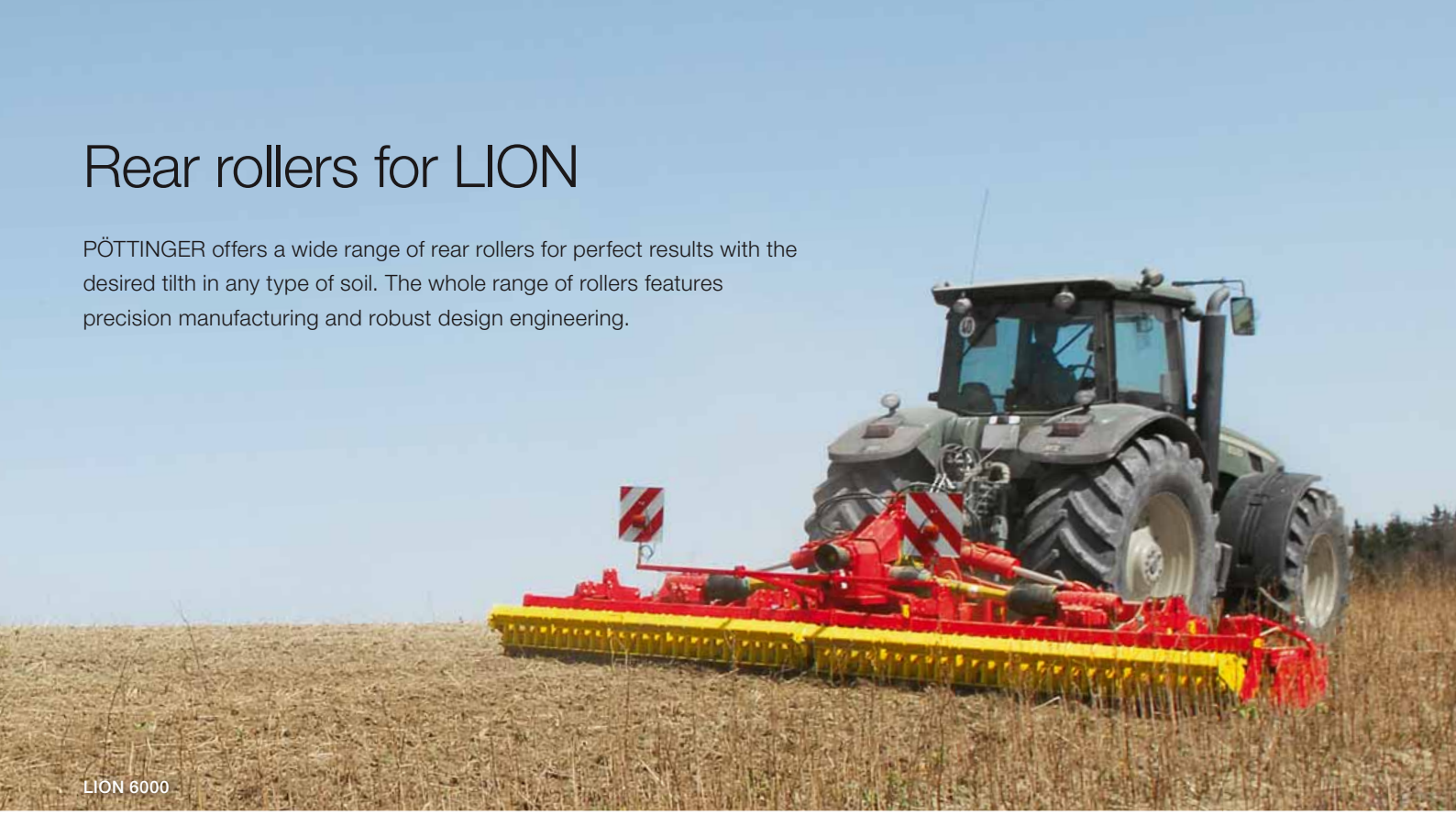
	Working width ft / m	Rotors	Tines inch / mm	Power requirement up to
Power harrows up to 140 hp				
LION 253 CLASSIC	8.20 / 2.50	8	18 x 13.38 / 340	103 kW / 140 hp
LION 303 CLASSIC	9.84 / 3.00	10	18 x 13.38 / 340	103 kW / 140 hp
LION 303.12 CLASSIC	9.84 / 3.00	12	15 x 12.99 / 330	103 kW / 140 hp
Medium-weight power harrows				
LION 303	9.84 / 3.00	10	18 x 13.38 / 340	132 kW / 180 hp
LION 303.12	9.84 / 3.00	12	15 x 12.99 / 330	132 kW / 180 hp
LION 353.14	11.84 / 3.50	14	15 x 12.99 / 330	147 kW / 200 hp
LION 403	13.12 / 4.00	14	18 x 13.38 / 340	147 kW / 200 hp
Heavy-weight power harrows				
LION 3002	9.84 / 3.00	10	18 x 13.38 / 340	184 kW / 250 hp
LION 4002	13.12 / 4.00	14	18 x 13.38 / 340	184 kW / 250 hp
Folding power harrows				
LION 5000	16.40 / 5,00	16	18 x 13.38 / 340	199 kW / 270 hp
LION 6000	19.68 / 6.00	20	18 x 13.38 / 340	199 kW / 270 hp

Testimonial:
Tomasz Grzeczka, Poland

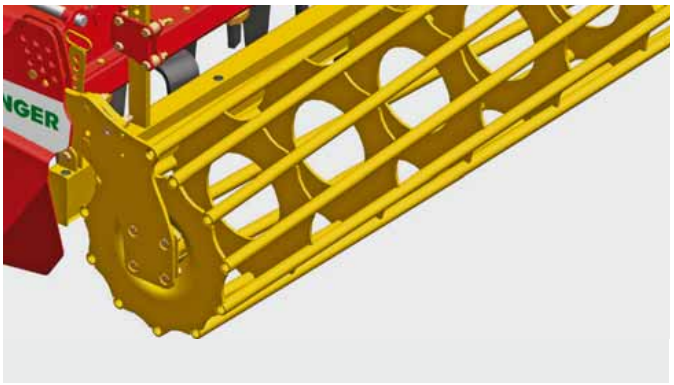
"I cover around 247,1 acres / 100 ha every year with the VITASEM 302 ADD and LION 302 combination. This combination has been working successfully for 3 years in my fields, both after ploughing and for direct mulch drilling. I really appreciate that the machine is so flexible and can be adjusted for all working conditions. Setting the machine is easy. The quality of the machinery is very high."

Rear rollers for LION

PÖTTINGER offers a wide range of rear rollers for perfect results with the desired tilth in any type of soil. The whole range of rollers features precision manufacturing and robust design engineering.

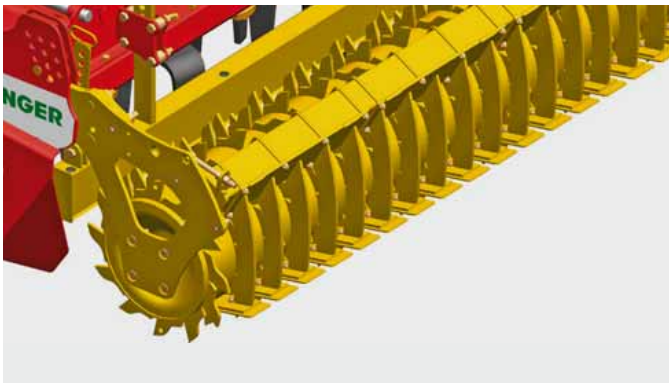


LION 6000



Cage roller

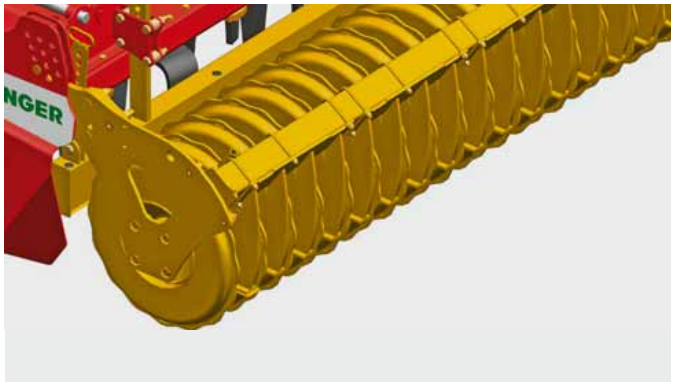
The ideal roller for dealing with dry, non-sticky soils. The roller is fitted with strong bars for optimal consolidation.
Diameter: 16.5 inch / 420 mm, eight bars.
Diameter: 21.3 inch / 540 mm, eleven bars.



Toothed packer roller

This all-rounder is suitable for all types of soil. The roller leaves behind a perfectly consolidated seedbed with loose, fine soil at seed level. The scrapers are located just above surface level. That is why no earth clods can be lifted away, even in wet conditions, and a perfect capillary structure remains intact for optimum germination. The teeth are hardened right through. Coated scrapers also available.
Diameter: 16.5, 19.7 and 21.7 inch / 420, 500 and 550 mm.

Crumbling packer roller
The teeth are offset at an angle to the left and right. This roller is especially suitable for heavy, clay soils. The result is a deep consolidation effect with loose tilth just under the surface. Coated scrapers (standard) prevent soil sticking to the roller. Diameter: 20.7 inch / 525 mm.



Pack ring roller
The packer rings are closed on either side and have a diameter of 21.7 inch / 550 mm with eight rings per metre of working width. The roller produces a corrugated consolidation effect to promote drainage and allow the soil to breathe. Ideal for stony, damp conditions and heavy organic residues. Harvest residues remain on the surface of the soil and protect the soil against drying. Coated scrapers (standard) prevent soil sticking to the roller.

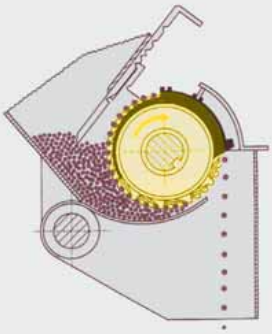
Prism packer roller
Prism rings spaced at 4.92 inch / 12.5 mm or 5.9 inch / 150 mm. This roller can handle any conditions, even stony ground with large quantities of harvest residues. Re-consolidating in strips, it promotes drainage and breathability of the soil in the area between the rings, which has been subject to less precompaction. Coated scrapers (standard) prevent soil sticking to the roller. Diameter: 19.68, 23.62 inch / 500 mm, 600 mm.

Rubber packer roller
This roller is ideal for widely varied ground conditions. Especially for use with trailed implements where the load-bearing capacity of other rollers is near the limit. A diameter of 23 inch / 585 mm and the special profiling allows the soil to be consolidated in ridges. Coated scrapers (standard) prevent soil sticking to the roller.

Mechanical seed drills

The best drill – the best harvest
PÖTTINGER seed drills meet the highest demands in functionality, reliability and performance. Unique metering systems, uniform seed placement and convenient operation are among their trademarks.

LION VITASEM 402 A



Unique sowing technology on mechanical drills
Multi-function metering system

- Multi-drilling system for seed rates between 0 0.45 and 4161.49 lbs per acre or 0,5 and 450 kg / ha.
- Three-row multi-functional metering wheel with staggered peg rows.
- Single row small seed metering wheel separated by a slide.
- Partition for quick conversion from normal to small seed drilling – no need to reduce speed.

Principle: Precision seed metering
Reverse metering as option: When planting oil seed rape, the direction of rotation of the metering shaft is changed by simply switching the gears in the side drive unit. Small indents on the rear of the sowing wheel pegs take only one grain at a time and drop it overhead into the seed funnel.

Feeding continues down to the last grain

- Funnel-shaped outlets above the metering wheels ensure that the hopper is emptied completely.
- Accurate feed of small seed.
- Uniform distribution even on slopes.

Gearbox – infinitely variable submerged in gear oil

Smooth infinitely variable oil-immersed gear unit drives the metering wheel. Seed is distributed evenly even when the metering shaft is rotating at a slow speed.

Proven disc coulter

- Concave single-disc coulters, diameter 125.98 inch / 320 mm, with twin-race tapered bearings fitted with special seals.
- The rotating scrapers are adjustable and clean effectively. Large clearance to the side and an inter coulter rail spacing of 11.81 inch / 300 mm makes the machine resistant to large clods of soil and harvest residues.
- Disc coulter equipped with a wear-resistant cast coulter point.

Ingenious coulter system – best placement guaranteed

Concave disc coulters are the best choice for mulch drilling or when handling large quantities of organic matter.
PÖTTINGER's diagonally tracking disc coulters open up the soil. The cast shoe, similar to a Suffolk coulter, removes wilted straw and crop residues from the seed placement area and forms a neat seed slot. Uniform seed germination is guaranteed as a result.

DUAL DISC double-disc coulters

- VITASEM ADD implement-mounted seed drills are equipped with DUAL DISC double-disc coulters.
- Each of the disc coulters is guided by a press wheel to ensure uniform seed placement depth – press wheel diameter 11.81 inch / 300 mm.
- The inter coulter rail spacing of 11.81 inch / 300 mm guarantees large clearance and smooth material flow even with large amounts of organic matter.
- The equal-length coulter arms ensure consistent, uniform coulter pressure.
- Central coulter pressure adjustment.
- Convenient depth settings.

VITASEM mechanical linkage-mounted seed drills

You can use VITASEM linkage-mounted seed drills on their own or in a combination with soil preparation implements. Thanks to their very low hopper, the seed drill is easy to fill. The HYDROLIFT system pivots the seed drill forwards so that the centre of gravity is towards the front so as little load as possible acts on the tractor hitch.

	Working width ft / m	Seed hopper gal / l	Rows	Row spacing inch / mm
VITASEM 252 CLASSIC	8.20 / 2.50	79 / 360	21	4.72 / 120
VITASEM 252	8.20 / 2.50	106 / 480	21	4.72 / 120
VITASEM 302 CLASSIC	9.84 / 3.00	99 / 450	25	4.72 / 120
VITASEM 302	9.84 / 3.00	132 / 220 / 600 / 1000	25 / 21	4.72 / 5.62 / 120 / 143
VITASEM 402	13.12 / 4.00	187 / 308 / 850 / 1400	33 / 27	4.72 / 5.62 / 120 / 143

VITASEM A mechanical implement-mounted seed drills

VITASEM A implement-mounted drills are quickly and easily fitted to the soil preparation implement. In the field the weight of the seed drill acts directly on the rear roller.

This means that the power harrow remains free-moving. A hydraulic cylinder is also available to lift the seed drill up over the soil preparation implement. This achieves an ideal centre of gravity in relation to the tractor, which is especially useful when working in the corners of fields. The new VITASEM A CLASSIC models are lighter and therefore suitable for smaller farms and 4 cylinder tractors.

	Working width ft / m	Seed hopper gal / l	Rows	Row spacing inch / mm
VITASEM 252 A	8.20 / 2.50	106 / 480	20	4.92 / 125
VITASEM 252 A CLASSIC	8.20 / 2.50	79 / 360	20	4.92 / 125
VITASEM 302 A	9.84 / 3.00	132 / 220 / 600 / 1000	24 / 20	14.92 / 5.9 / 125 / 150
VITASEM 302 A CLASSIC	9.84 / 3.00	99 / 450	24	4.92 / 125
VITASEM 302 ADD	9.84 / 3.00	132 / 220 / 600 / 1000	24 / 20	4.92 / 125
VITASEM 402 A	13.12 / 4.00	187 / 308 / 850 / 1400	32 / 26	4.92 / 125
VITASEM 402 ADD	13.12 / 4.00	187 / 308 / 850 / 1400	32 / 26	4.92 / 125

ADD = DUAL DISC

LION VITASEM 302 ADD

Pneumatic seed drills

Revolutionary seed drill technology
The unique AEROSEM seed drill concept from PÖTTINGER unites the drilling of cereals and maize. Precision universal metering and perfect coulter systems guarantee exact placement of the seed.

AEROSEM 3002 ADD

AEROSEM PCS – DUPLEX SEED NEW

Drilling maize in double rows
Two rows back to back with a 4.92 inch / 125 mm spacing. 29.52 inch / 750 mm overall inter row distance.

- Increases output during sowing thanks to a higher possible driving speed.

Maize in twin rows gives the plant perfect growing conditions

- 30 % more distance between the maize seeds – more light – more nutrients – increased photosynthesis.
- 70 % more area per plant available – more water – improved effective root penetration – less competitive behavior.

Save 6 % of your seed

IDS controls automatic seed rate reduction in the metering system during tramlining and half width switching. The excess seed is returned to the riser tube via the funnel system.

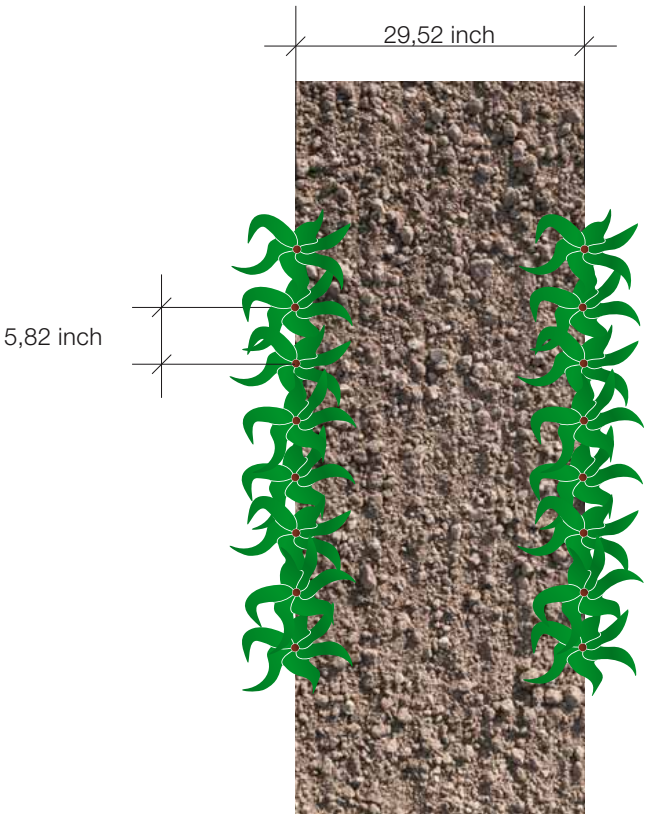
- Consistent number of seeds in each row.
- Uniform crop development.
- Up to 6 % saving on seed.

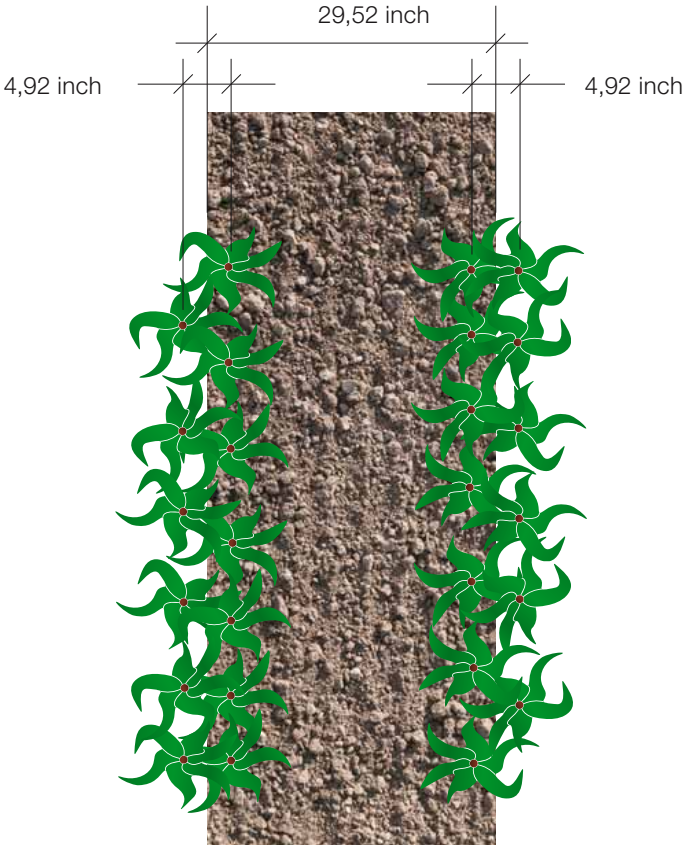
For more cost effectiveness

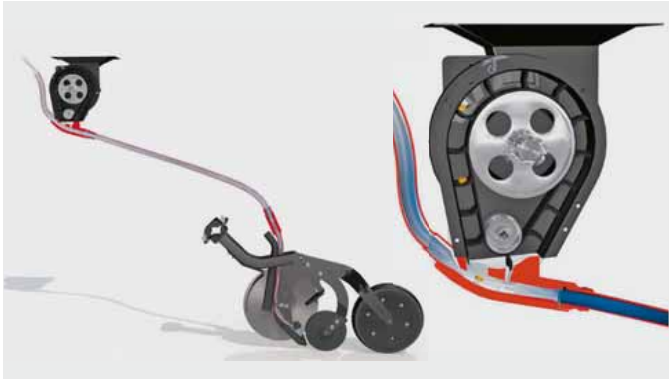
- Reduces the risk of erosion.
- Better shade on the ground – fast row integration.
- Earnings increase in silage and grain maize of up to 5.5 % possible.

Example:

3,643 grains / acre







Perfectly placed

The DUAL DISC coulter with its integrated seed slot former ensures a perfect seed slot. A firming roller presses the seed into the slot. A press wheel controls re-consolidating and working depth. The seed placement depth can be adjusted centrally.

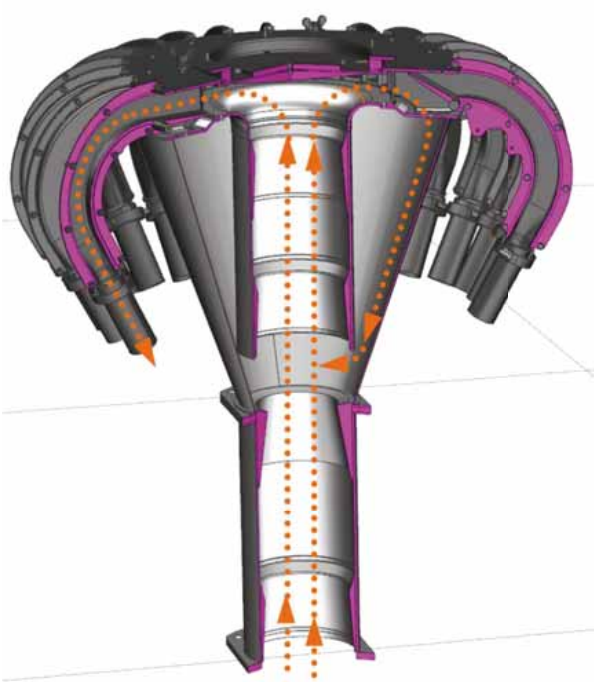
- No vertical drop.
- Exact seed placement.
- Seed does not roll along slot.
- Optimum covering of seed.
- Uniform seed germination.

One tank for all jobs

The seed hopper is simply divided for precision seed drilling using PCS and application-specific fertilisation. The partition walls are repositioned quickly and easily using wing-nuts without the need for tools. The hopper then offers space for 86 (2 x 43) gal / 400 litres of seed (2 x 200 l) and 175 gal / 800 litres of fertiliser.

Intelligent distribution system

IDS



Flexibility that pays dividends

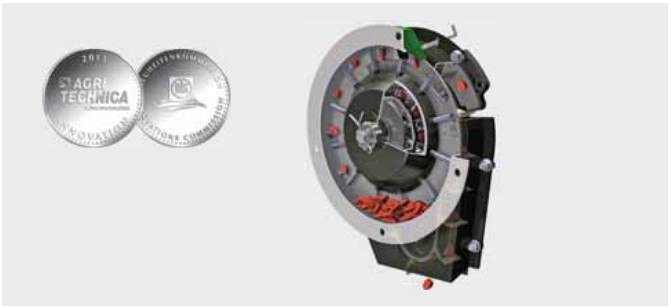
The newly-developed IDS distribution system controls all outlets via the BUS system. This opens up completely new capabilities in seed row and tramline switching.
In conjunction with POWER CONTROL or ISOBUS on the tractor and the electric metering drive, there are now no limits to flexible working in the field.

Choose any of the following:

- Row spacing.
- Tramline widths.
- Track widths.
- Special tramline switching.
- Dual tramline systems.
- Half width switching left and right.

PRECISION COMBI SEEDING – individual seed drilling technology

PCS
precision combi seeding



A seed drill for 4 applications

- Cereals
- Maize
- Maize with fertiliser
- Maize with companion crop

Your advantages

- Expansion in the range of applications – high flexibility.
- Reduction in investment costs by combining a pneumatic seed drill with a precision seed drill.
- Multiple uses for the machine combination.
- No separate precision seed drill required.
- Independence from contractor.
- Make the most of ideal weather and drilling conditions.
- Reduction in fixed operating costs per acres / hectare.

Exact seed separation

Several precision metering elements are located beneath the additional hopper funnel. This hydraulically-driven system ensures exact mechanical separation of the seed. The seeds are then transported to the specially-developed injector. The air stream conveys the seed to the coulter.

- Easy adjustment of seeds per 1.19 square yard / m^2.
- Precise monitoring of seed distribution in the seed slot.

Overview of pneumatic seed drills

AEROSEM pneumatic implement mounted seed drills

Suffolk coulters, single-disc coulters and DUAL DISC double-disc coulters are available for planting cereals. PCS integrates precision seed drilling technology into a pneumatic seed drill, making you independent from single seed drills. This means greater flexibility and more cost efficient operation. Awarded two DLG Silver Medals at Agritechnica 2013.

	Working width ft / m	Row spacing inch / mm	Coulter pressure / coulter lbs / kg	Power requirement
AEROSEM 3002 A	9.84 / 3	5.90/4.92 / 15 /12.5	up to 55 / 25	81 kW / 110 hp
AEROSEM 3002 ADD	9.84 / 3	5.90/4.92 / 15 /12.5	up to 110 / 50	103 kW / 140 hp
AEROSEM 3502 A	11.48 / 3.5	14.92 / 12.5	up to 55 / 25	92 kW / 125 hp
AEROSEM 3502 ADD	11.48 / 3.5	14.92 / 2.5	up to 110 / 50	121 kW / 165 hp
AEROSEM 4002 A	13.12 / 4	5.90/4.92 / 15 /12.5	up to 55 / 25	103 kW / 140 hp
AEROSEM 4002 ADD	13.12 / 4	5.90/4.92 / 15 /12.5	up to 110 / 50	140 kW / 190 hp

TERRADISC 3001

TEGOSEM cover crop sowing system

TEGOSEM 200 / TEGOSEM 500

The TEGOSEM cover crop sowing unit combines soil cultivation and sowing a cover crop in a single pass to save time and costs. The TEGOSEM can be combined with PÖTTINGER TERRADISC disc harrows as well as with SYNKRO stubble cultivators. This seed drill can be used together with three-point mounted implements and trailed machines.

Standard equipment and controls

The TEGOSEM is operated from the driver's seat using a convenient control terminal.

Functions

- Metering shaft control & monitoring, output rate electronically adjustable.
- Display in kg/ha.
- Priming function
- Headland management
- Automatic calibration.
- Total hectare counter and daily hectare counter.
- Calibration button -calibration at the press of a button.
- Emptying function to drain seed tank.
- Seed level sensor
- DGPS sensor for speed sensor.
- Pressure gauge on hydraulically driven fans for trailed machines.
- Sensors on top link or chassis for start/stop metering.
- Safe access using platform.
- Small and large seed metering wheel.

Precision sowing

The seed material is distributed evenly with the TEGOSEM. The metering system is driven electrically. Two different metering shafts are provided as standard to ensure precision distribution for fine or coarse metering, even at low seed flow rates. Eight outlets handle seed distribution.

Seed distribution

The seed material is distributed pneumatically using distribution plates. This guarantees pinpoint precision regardless of the wind conditions. The distributor plates are adjusted by changing the shaft angle. The blower is driven electrically up to a working width of 13.12 ft / 4.0 metres and hydraulically when wider than 16.40 ft / 5.0 metres.

Calibration

Calibration is easy: the calibration procedure is started at the press of a button. A calibration bag is provided as standard equipment. A logical guide makes each calibration step easy to follow.

Metering start/stop

A sensor on the top link detects when to start and stop metering. On trailed machines, this is detected using a load cell on the drawbar.

TEGOSEM can be combined with SYNKRO stubble cultivators

	For machine type	Tractor mounting	Fan drive system	Tank location	Tank capacity gal / litres	Weight lbs / kg
TEGOSEM 200	SYNKRO 2520 SYNKRO 3020/3030 SYNKRO 3530	Rigid 3-point	Electric fan drive	Rear rollers	43.99 / 200	275.57 / 125
TEGOSEM 500	SYNKRO T 4030 SYNKRO T 5030 SYNKRO T 6030	Folding trailed	Hydraulic fan drive	Drawbar	132.08 / 500	529.10 / 240

The TEGOSEM can be combined with TERRADISC harrows:

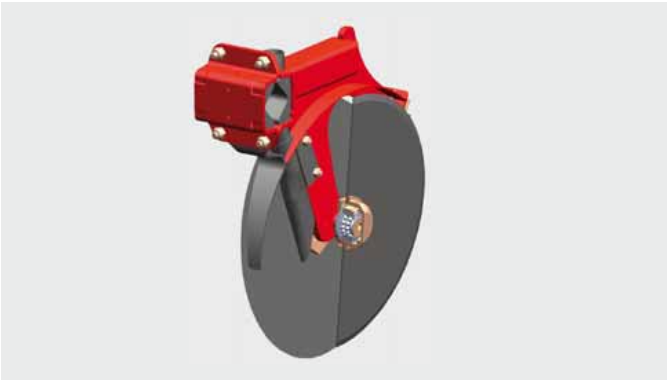
	For machine type	Tractor mounting	Fan drive system	Tank location	Tank capacity gal / litres	Weight lbs / kg
TEGOSEM 200	TERRADISC 3001 TERRADISC 3501 TERRADISC 4001	Rigid 3-point	Electric fan drive	Rear rollers	43.99 / 200	275.57 / 125
TEGOSEM 200	TERRADISC 4001	Folding 3-point	Electric fan drive	Central holder TD	43.99 / 200	275.57 / 125
TEGOSEM 200	TERRADISC 5001 TERRADISC 6001	Folding 3-point	Hydraulic fan drive	Central holder TD	43.99 / 200	297.61 /135
TEGOSEM 500	TERRADISC 4001 TERRADISC 5001 TERRADISC 6001	Folding trailed	Hydraulic fan drive	Drawbar	132.08 / 500	529.10 / 240

Mulch seed drills

Efficient drilling

The PÖTTINGER TERRASEM mulch drilling concept combines soil preparation, consolidation and drilling in a single machine. The effective compact disc harrow, unique tyre packer and perfectly designed coulter rail deliver optimum results.

TERRASEM R3 - WAVE DISC



Chassis

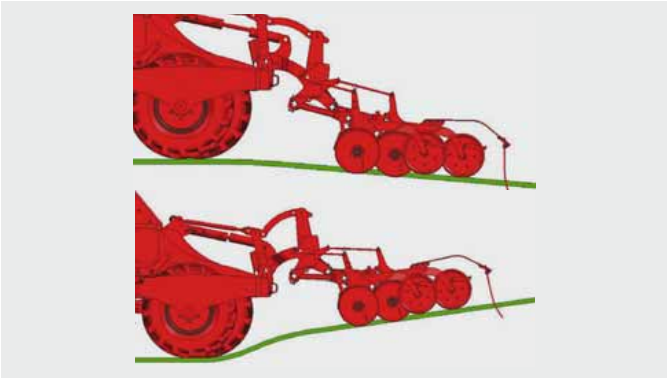
- The chassis is fitted with wide tyres to consolidate the soil, each tyre covering four coulter rows.
- At the headland the weight of the machine is supported by all the wheels to conserve the soil.
- On the road the machine is transported on four wheels – the two wheels in the middle are raised to improve stability and the braking efficiency of the two outer pairs of wheels.

Double-disc coulters

- To achieve consistent placement depth, all coulters are guided by rubber-mounted parallelogram arms that are depth-adjusted by press wheels.
- The depth is adjusted centrally with coulter pressure applied hydraulically between 88 and 264 lbs / 40 and 120 kg.
- The maintenance-free rubber mounting elements provide optimum freedom of movement for each coulter unit.

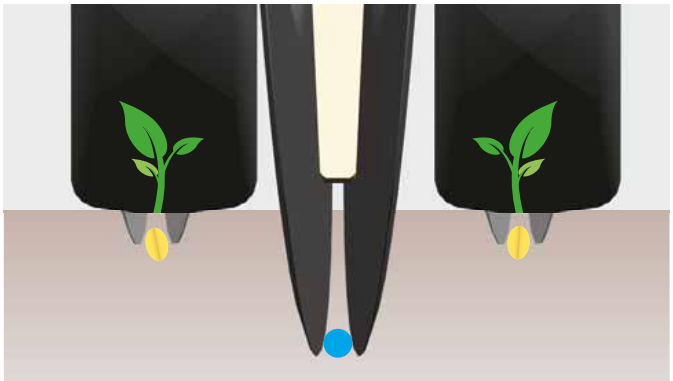
DUAL DISC precision coulter

- Flat discs with sealed bearings.
- 14.96 inch / 380 mm diameter.
- 9.84 inch / 250 mm row spacing.
- Coulter pressure up to 176 lbs / 80 kg.
- Plenty of clearance to the side.
- Unrestricted soil flow.
- Discs are easy to change.



Contour adaptation

- Precise ground tracking is achieved by the set pressure on the seed coulter as the rear roller follows the contours of the terrain.
- Coulter rails with coulter arms of the same length – coulter offset is achieved by mounting either on the front or rear rail – ensure 100 % consistent coulter pressure.



Direct fertilisation

- Seedbed preparation
- Fertiliser is placed in rows between each second row of seed; placement depth up to 3.94 inch / 100 mm.
- Placement depth is variable.
- NONSTOP stone protection on coulters.
- All machine controls and monitoring functions integrated into a single terminal.
- Metering unit is stainless steel.

FRONTBOARD

- The disc harrow can also be specified with the optional FRONTBOARD.
- Thanks to the new FRONTBOARD even ploughed or hard soil can be levelled with reduced power requirement and lower fuel consumption.
- Large, dry clods are also broken up and levelled.

Metering system for highest possible precision

- The metering unit is electrically driven and is controlled via radar sensor or ISOBUS signal from the tractor.
- Smooth seed-rate adjustment, automatic metering wheel control and pre-metering through to Section Control (SEED COMPLETE).
- Easy calibration without the need for tools to change the metering wheel.
- A hopper emptying shutter ensures all the seed is emptied out of the hopper.

TERRASEM R3 – WAVE DISC

Low disturbance with WAVE DISC NEW

Our new low draft WAVE DISC with a diameter of 20.78 inch / 510 mm is designed especially for low disturbance. WAVE DISC loosen strips of soil rather than moving soil sideways and thus prevents smearing of the seed slot zone. Row spacing of 4.92 inch / 125 mm or 6.57 inch / 167 mm is possible. A row spacing of 6.57 inch / 167 mm is recommended for regions with extremely heavy, wet and sticky soil conditions.
The WAVE DISC is available for all TERRASEM mulch seed drills.

Cost-effectiveness

- Reduced power requirement.
- Low draft thanks to reduced tillage intensity.
- Earlier sowing time.
- Reduction in wind erosion – conserves soil structure.

Versatility

- Low disturbance – water-saving strip tillage for dry regions.
- Low disturbance – reduced soil movement for wet regions.
- Improved herbicide usage in areas with high resistance. The minimised soil movement creates poor germination conditions, especially for light-dependent germinating weeds.

Convenience

- Infinitely-variable working depth adjustment.
- No maintenance required on replaceable WAVE DISCs.
- Disc element features NONSTOP overload protection.

Overview of mulch drills

TERRASEM R – rigid design

A two-gang disc harrow prepares the soil. The discs are mounted on rubber elements and enable the discs to ride over stones and foreign bodies. This NONSTOP stone protection is absolutely maintenance free. These models utilise a rigid frame construction that does not fold for transport. The transport width is the same as the working width (9.84 ft / 3.0 m or 13.12 ft / 4.0 m).

	Working width ft / m	Seed hopper gal / l	Rows	Row spacing inch / mm
TERRASEM R3	9.84 / 3.00	660/869 / 3000/3950	24	4.92 / 125
TERRASEM R4	13.12 / 4.00	660/869 / 3000/3950	32	4.92 / 125

TERRASEM C – folding version

The three-part design of the folding version offers perfect ground tracking for large working widths. The folding disc harrow, packer and coulter rail sections follow the contours of the ground. A four-section hinge between the coulter rail and packer ensures that the contours of the ground are followed exactly along the direction of travel. Wide press wheels direct the double-disc coulters for precision depth placement.

	Working width ft / m	Seed hopper gal / l	Rows	Row spacing inch / mm
TERRASEM C4	13.12 / 4.00	660/869 / 3000/3950	32	4.92 / 125
TERRASEM C6	19.69 / 6.00	660/869 / 3000/3950	48	4.92 / 125
TERRASEM C8	26.25 / 8,00	880/1122 / 4000/5100	64	4.92 / 125
TERRASEM C9	29.53 / 9,00	880/1122 / 4000/5100	72	4.92 / 125

TERRASEM FERTILIZER with direct fertilisation

The direct fertilisation system enables the seed drill to deposit fertiliser at the same time as the seed. This provides you with optimum growth conditions following germination of the seed. At the same time you increase generative growth as a result.

	Working width ft / m	Seed hopper gal / l	Rows	Row spacing inch / mm
TERRASEM R3 FERTILIZER	9,84 / 3.00	880 / 4000	24 + 12	4.92 / 125
TERRASEM R4 FERTILIZER NEW	13.12 / 4.00	880 / 4000	24 +12	4.92 / 125
TERRASEM C4 FERTILIZER	13.12 / 4.00	880 / 4000	32 + 16	4.92 / 125
TERRASEM C6 FERTILIZER	19.69 / 6.00	880 / 4000	48 + 24	4.92 / 125
TERRASEM C8 FERTILIZER	26.25 / 8,00	880 / 4000	64 + 32	4.92 / 125
TERRASEM C9 FERTILIZER	29.53 / 9,00	880 / 4000	72 + 36	4.92 / 125

TERRASEM C6 FERTILIZER

Testimonial:
Wiesław Gryn, Rogów in Zamojszczyzna, Poland

"For more than 4 years now I've been using the TERRASEM C6 mulch seed drill on my 1,680 acres /680 hectare arable farm. I am particularly pleased with the ground tracking made possible by the three-section frame and the precision of the seed placement. The two-row disc harrow with its large discs delivers perfect results on my heavy soil and large quantities of harvest residues."

Best forage

How the best base forage affects milk and your business
Better forage keeps animals healthier. Healthier animals produce more milk, and more milk means more success for your business. As a farmer you will already know that at every stage it is worth improving the quality of base forage as far as possible. The bottom line is that the highest quality base forage is the cornerstone for healthy livestock and a decent profit in your business.

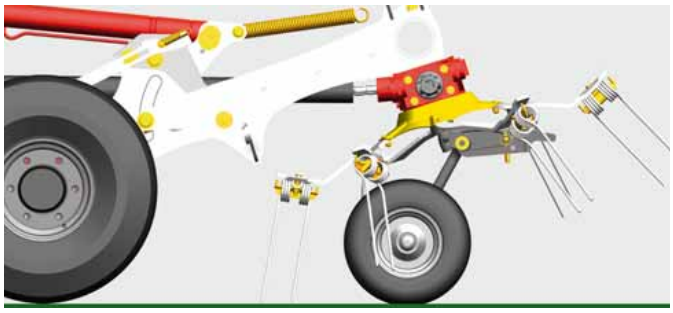
What are the influencing factors for the best forage?

Location 25%	Farm management 75%	
Climatic conditions Soil Terrain	Fertilisation	Harvesting technology
	Care	Ground tracking Careful handling of forage Multiple, easy adjustment capabilities Easy operation Influence of driver
	Intensity	

Quality forage thanks to advanced harvesting technology

Mowers: **ALPHA MOTION – pure ground tracking**

- Supporting frame and guide arms react to every undulation.
- Large springs ensure uniform movement of the mowing unit with a vertical travel of 19.68 inch / 500 mm.
- These front-mounted mowers have an extremely low drag resistance and protect the sward.
- For tractors between 70 and 360 hp – regardless of model and size of front hitch.



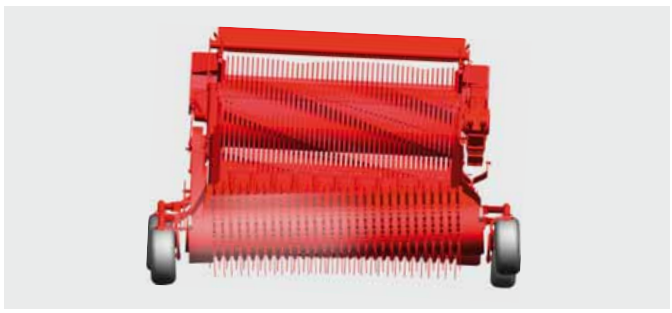
Tedders: **LIFTMATIC/ LIFTMATIC PLUS**

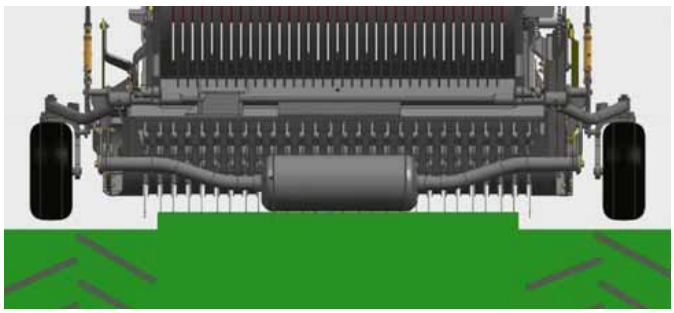
- Before being raised, the rotors are positioned horizontally using a hydraulic cylinder and then lifted. The tines do not touch the ground during lifting or during lowering.
- In addition, the high headland position of 35.43 inch / 900 mm clearance prevents the tines from penetrating or scraping the ground. The forage remains clean and the sward is protected.

Rake: **MULTITAST jockey wheel – DLG-approved forage conservation**

The DLG Focus Test "Ground tracking and forage contamination in grass silage" in November 2013 confirms:
The PÖTTINGER MULTITAST wheel delivers ideal ground tracking and clean forage.

- The rotor with the MULTITAST wheel causes around **25 % less raw ash/contamination in the forage.**
- 2.3 % raw ash means **184.75 lbs / acres / 207 kg dirt / ha** for a yield of 90 dt DM/ha.
- Raw ash content without MULTITAST wheel: **12.4 %** – raw ash content with MULTITAST wheel: **10.1 %.**





Loader wagon: **Clean forage thanks to ground tracking**

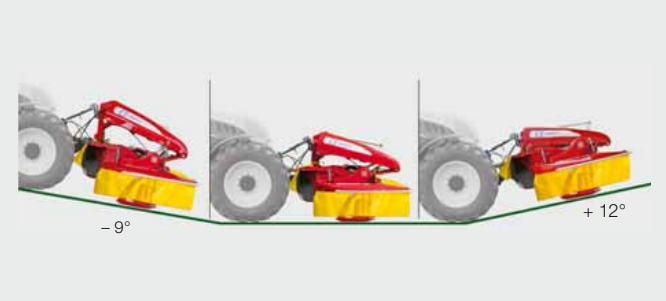
- Height-adjustable 16 x 6.5-8 trailed jockey wheels ensure perfect ground tracking.
- Two jointed support arms ensure the pick-up has complete freedom of movement, even diagonally.
- A spring also alleviates the pick-up weight so less pressure is exerted on the ground.
- A support roller can also be fitted behind the pick-up if required for even better tracking on soft ground.

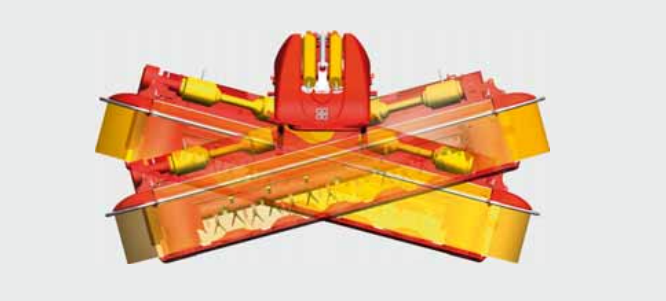
Mowers

The perfect cut

A precision mowing process is the starting point for high forage quality. Best-possible ground tracking, minimal losses and precision when working without time-consuming operation are what the industry demands. Our ensure first-class cutting quality, smooth operation and strength.

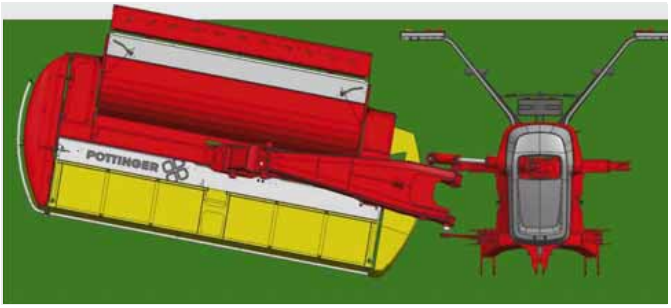
NOVACAT S12





ALPHA MOTION – unique ground tracking for front mowers

- Supporting frame and guide rods follow every undulation in the ground. Large springs ensure uniform movement of the mowing unit with a vertical travel of 19.70 inch / 500 mm.
- Extremely smooth running for best sward protection.
- For tractors between 70 and 360 hp – regardless of model and height of the front hitch.

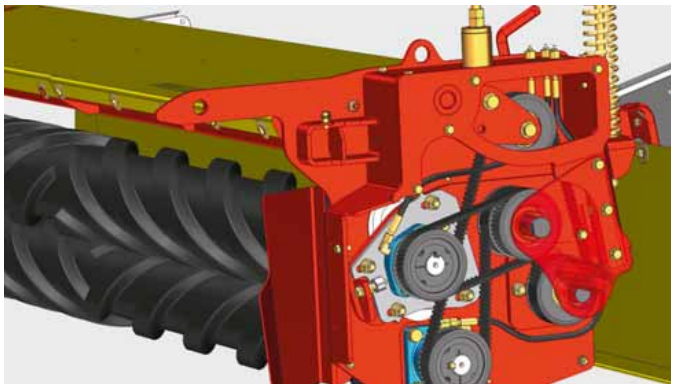


DRIVE power train for the toughest operating conditions

- The Y-DRIVE gearbox drives a power train with long standardised drive shafts without tight angles. The smooth operation of the PTO shafts increases the service life, especially in tough operating conditions and in the headland position.
- The backlash-free power train using standard drive shafts has been made possible by locating the overload clutches at the gearbox. This ensures extremely smooth operation and an extended service life.
- Smooth PTO shaft rotation thanks to optimum gear ratios.
- A double universal joint in the inside mower drum provides a stress-free link between the 90 degree gearbox and the cutter bar.

ED EXTRA DRY tine conditioner

- Wide-spread or swath formation possible.
- Flexible adjustment of conditioning intensity.
- Increase in forage energy.

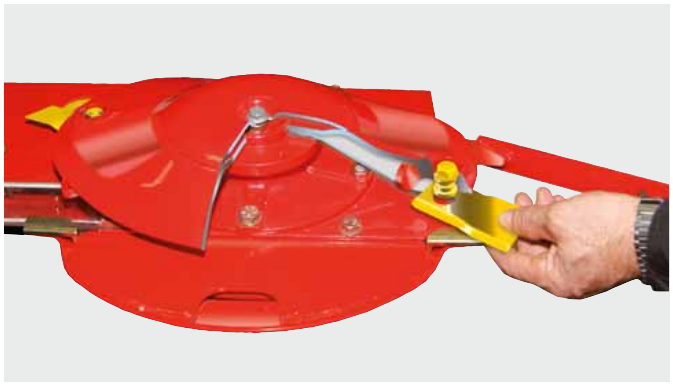


RCB roller conditioner – careful and effective

- The rollers inter-mesh to uniformly crimp the stalks and produce a uniform blanket of forage.
- Both rollers are driven.
- The RCB roller conditioner is driven by a toothed belt to ensure contamination-free conditioning and low maintenance.

TRI DRIVE – gear optimisation

- New gear pairs with the a similar diameter 39/50.
- Three teeth in contact – better power transmission – smooth start up.
- New surface finishing on the gears ensures smoother running and a reduction in noise level.



Quick-change blade system – it's this easy

- Faster and easier changing of blades.
- Blade holders bolted to mower disc for cost effective replacement.
- Standard on all PÖTTINGER mowers.

Cutter bar – quality made in Austria

First-class cutting quality, low drag resistance and high strength are the trademarks of PÖTTINGER disc mowers. The NOVACAT cutter bar is a major factor for obtaining high quality forage. These have been designed and manufactured exclusively in Austria.

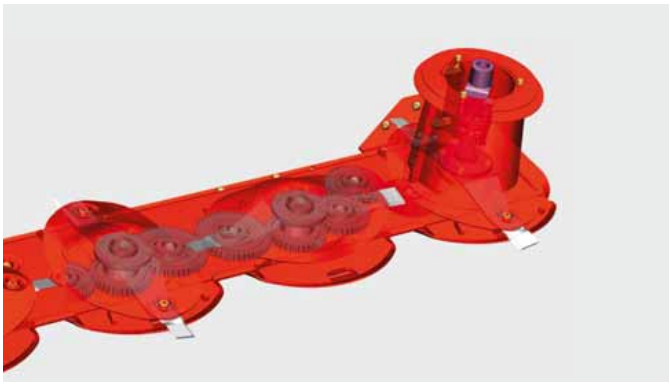
Smooth underside with rounded skids

Optimum crop flow – clean forage

The slanted leading edge of the cutter bar allows the soil to flow beneath, separating it cleanly from the crop. The contoured shape of the mower disc surfaces increases the effect of the paddles on crop flow, lowering the drag resistance of the mower.

Perfect cutting quality

The mower blades rotate very close to the surface of the cutter bar and the counter knife. The optimised overlap of blade paths ensures a clean and uniform mowing pattern.



Highest quality – long service life

The cutter bar is made from the best quality steel. The metal plate is laser-cut and robot-welded with 100 % accuracy before precision machining at the state-of-the-art CNC machining centre. Heavy-duty, twin race tapered bearings guarantee the best absorption of impacts. All gears are hardened and machined. A gear face width of 0.78 inch / 20 mm and a double-sided engagement of the teeth ensure smooth operation and a long service life.

Overview of mowers

NOVAALPIN & NOVACAT front-mounted disc mowers

With our versatile product range we have got every demand in the field covered. Our extremely light NOVAALPIN mowers in three working widths were developed especially for mountain tractors and twin axle mowers. NOVACAT disc mowers can be equipped with two different headstocks, depending on requirements: The NOVACAT CLASSIC is the proven universal mower with a compact design and low weight. With the NOVACAT ALPHA MOTION, we have revolutionised front mower mounting technology. Perfect weight alleviation and optimum ground tracking make the PÖTTINGER ALPHA MOTION unique on the market.

	Working width ft / m	Number of discs	Acres / ha per hour	Weight SF lbs / kg	Weight with conditioner ED	RCB
Front mowers, extra lightweight construction for twin axle mowers and tractors available with three-point headstock (B) or Weiste triangle (T)						
NOVAALPIN 221 B / T	7.21 / 2.20	5	5.40 / 2.20	925 / 420	–	–
NOVAALPIN 261 B / T	8.59 / 2.62	6	6.40 / 2.60	1014 / 460	–	–
NOVAALPIN 301 B / T	9.97 / 3.04	7	7.40 / 3.00	1146 / 520	–	–
Front-mounted disc mowers						
NOVACAT 261 CLASSIC	8.59 / 2.62	6	6.40 / 2.60	1510 / 685	–	–
NOVACAT 301 CLASSIC	9.97 / 3.04	7	7.40 / 3.00	1642 / 745	–	–
NOVACAT 351 CLASSIC	11.35 / 3.46	8	8.40 / 3.40	1774 / 805	–	–
NOVACAT 261 ALPHA MOTION	8.59 / 2.62	6	6.40 / 2.60	1907 / 865	2347 / 1065	2458 / 1115
NOVACAT 301 ALPHA MOTION	9.97 / 3.04	7	7.40 / 3.00	1995 / 905	2524 / 1145	2700 / 1215
NOVACAT 351 ALPHA MOTION	11.35 / 3.46	8	8.40 / 3.40	2171 / 985	2788 / 1265	2899 / 1315

NOVADISC & NOVACAT rear-mounted disc mowers

NOVACAT and NOVADISC rear mowers offer reliability and efficiency during your mowing. Our smooth-running NOVADISC mowers with side pivot mounting stand for high output and a clean cut at the lowest power requirement. With our NOVACAT centre pivot-mounted rear mowers, you experience excellent ground tracking and weight alleviation. As a result you benefit from maximum forage quality with minimal contamination.

	Working width ft / m	Number of discs	Acres / ha per hour	Weight lbs / kg SF	Weight with conditioner lbs / kg ED	RCB
Rear disc mowers, side pivot mounting, without conditioner						
NOVADISC 225	7.21 / 2.20	5	5.4 / 2.20	1344 / 610	–	–
NOVADISC 265	8.59 / 2.62	6	6.4 / 2.60	1432 / 650	–	–
NOVADISC 305	9.97 / 3.04	7	7.4 / 3.00	1521 / 690	–	–
NOVADISC 350	11.35 / 3.46	8	8.4 / 3.40	1620 / 735	–	–
NOVADISC 400	12.72 / 3.88	9	9.6 / 3.90	1686 / 765	–	–
Rear disc mowers with centre pivot mounting						
NOVACAT 262	8.59 / 2.62	6	6.40 / 2.60	2006 / 910	2557 / 1160	2712 / 1230
NOVACAT 302	9.97 / 3.04	7	7.40 / 3.00	2050 / 930	2778 / 1260	2932 / 1330
NOVACAT 352 V	11.35 / 3.46	8	8.40 / 3.40	2270 / 1030	–	–
NOVACAT 352	11.35 / 3.46	8	8.50 / 3.40	2160 / 980	2954 / 1340	3064 / 1390
NOVACAT 352 CF **NEW**	11.35 / 3.46	8	8.50 / 3.40	3218 / 1460		
NOVACAT 402	12.72 / 3.88	9	9.88 / 4.00	2292 / 1040	–	–
NOVACAT 442	14.11 / 4.30	10	11.10 / 4.50	2380 / 1080	–	–

SF = swath former, ED = EXTRA DRY conditioner,
RCB = ROLLER CONDITIONER BELT
V = vertical , CF = CROSS FLOW

NOVADISC & NOVACAT mower combinations

The PÖTTINGER mower combinations are both productive and economical. These mowers can be used as front/rear-mounted combinations or in a reverse drive push configuration. Thanks to the swath merging COLLECTOR, our mower combinations are even more versatile. The high level of user convenience, ingenious details, wide range of applications, strength and first-class cutting quality make these mower combinations among the most productive in their class.

		Working width ft / m	Number of discs	Acres / ha per hour	Weight lbs / kg SF	Weight with conditioner lbs / kg ED	RCB
NOVADISC 730		23.75 / 7.24 m	2 x 6	17.30 / 7	2678 / 1215	–	
NOVADISC 810		26.05 / 8.08 m	2 x 7	22.20 / 9	3086 / 1400	–	
NOVADISC 900		29.26 / 8.92 m	2 x 8	27.18 / 11	3351 / 1520	–	
NOVACAT X8		27.23 / 8.30 m	2 x 7	24.70 / 10	4762 / 2160	5776 / 2620	6129 / 2780
NOVACAT X8 COLLECTOR		27.23 / 8.30 m	2 x 7	24.70 / 10	–	8377 / 3800	9259 / 4200
NOVACAT A9	NEW	8.92 / 9.18	2 x 8	29.65 / 12	4982 / 2260	6569 / 2980	6746 / 3060
NOVACAT A10		8.8 / 10.02 m	2 x 8	29.65 / 12	5180/ 2350	6790 / 3080	6966 / 3160
NOVACAT A10 CF	NEW	8,8 / 10,02 m	2 x 8	29.65 / 12	7297 / 3310		
NOVACAT A10 COLLECTOR	NEW	8.8 / 10.02 m	2 x 8	29.65 / 12	–	8333 / 3780	8774 / 3980
NOVACAT S10		29.85/ 31.23 / 9.10/9.52	2 x 8	27.18 / 11	3968 / 1800	–	
NOVACAT S12		35.36/36.74 / 10.78/11.20	2 x 10	32.12 / 13	4497 / 2040	–	

NOVACAT T trailed mowers

Trailed NOVACAT mowers are ideal for cutting heavy crops. We achieve perfect three-dimensional ground tracking thanks to the fully-floating mower unit. The optimised spring system ensures the weight of the mower is constantly in suspension, protecting your sward perfectly. You can also take delivery of your NOVACAT T with the COLLECTOR swath merger.

	Working width ft / m	Number of discs	Acres / ha per hour	Weight lbs / kg SF	Weight with conditioner lbs / kg ED	RCB
NOVACAT 307 T	9.97 / 3.04	7	8.90 / 3.60	–	4389 / 1991	4522 / 2051
NOVACAT 3007 T	9,97 / 3.04	7	8,90 / 3.60	–	4698 / 2131	2190 / 4828
NOVACAT 3507 T	11.35 / 3.46	8	10.38 / 4.20	–	4863 / 2206	5040 / 2286
NOVACAT 307 T COLLECTOR	9.97 / 3.04	7	8.90 / 3.60	–	5578 / 2530	5611 / 2545
NOVACAT 3007 T COLLECTOR	9.97 / 3.04	7	8.90 / 3.60	–	–	5974 / 2710
NOVACAT 3507 T COLLECTOR	11.35 / 3.46	8	10.38 / 4.20	–	6228 / 2825	6371 / 2890

EUROCAT drum mowers

We rely on proven drum mower technology. The major advantage of our drum mowers is their high performance in dense grass crops. You benefit from the boost in crop flow and perfect swath formation.

	Working width ft / m	Acres / ha per hour	Weight lbs / kg SF	Weight with conditioner lbs / kg ED
EUROCAT 271 CLASSIC	8.85 / 2.70	6.70 / 2.70	1730 / 785	–
EUROCAT 271 PLUS CLASSIC	8.85 / 2.70	6.70 / 2.70	1862 / 845	–
EUROCAT 311 CLASSIC	10.00 / 3.05	7.90 / 3.20	1906 / 865	–
EUROCAT 311 PLUS CLASSIC	10.00 / 3.05	7.90 / 3.20	2039 / 925	–
EUROCAT 311 ALPHA MOTION	10.00 / 3.05	7.90 / 3.20	2304 / 1045	–
EUROCAT 311 PLUS ALPHA MOTION	10.00 / 3.05	7.90 / 3.20	2391 / 1085	2833 / 1285
EUROCAT 272	8.85 / 2.70	6.70 / 2.70	2271 / 1030	2844 / 1290
EUROCAT 312	10.00 / 3.05	7.90 / 3.20	2402 / 1090	–

Testiomonial:
Chaikivskyi Vitalii Adamovych, Ternopil area, Ukraine

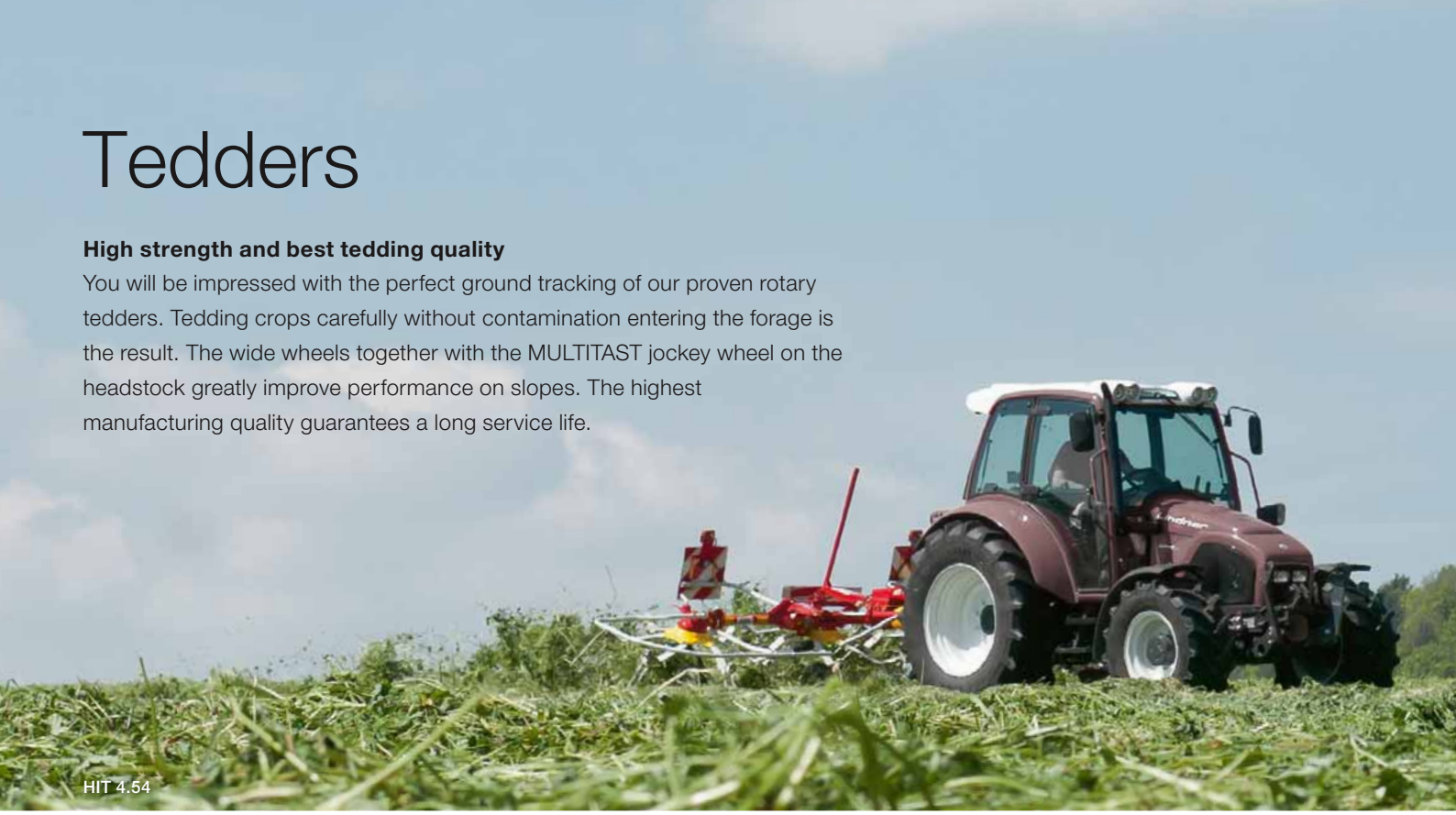
"PAP Agroprodservice farming business consists of 40,000 hectares, as well as 2 million poultry, 115,000 pigs and 1,000 cows. The number of cattle is going to be increased in future. That is why we decided to go for the NOVACAT X8 mower combination. The performance of this mower has exceeded all our expectations. We have appreciated the quality of PÖTTINGER machines for many years. In addition to the mower, we also own a TERRASEM C6 and a TERRASEM C8. From experience we can confirm that PÖTTINGER stands for reliable technology and the highest working quality."

SF = swath former, ED = EXTRA DRY conditioner,
RCB = ROLLER CONDITIONER BELT
COLLECTOR = swath merging system, CF = CROSS FLOW, T = trailed

Tedders

High strength and best tedding quality

You will be impressed with the perfect ground tracking of our proven rotary tedders. Tedding crops carefully without contamination entering the forage is the result. The wide wheels together with the MULTITAST jockey wheel on the headstock greatly improve performance on slopes. The highest manufacturing quality guarantees a long service life.



HIT 4.54

High performance from our new tedders goes without saying, because they are engineered for tough, high endurance jobs. It was for this reason that we completely redesigned the rotors.

The sturdy tine arm mountings withstand the highest stresses. The rotor dishes are made of thick-walled pressed steel with precise placement for the tine arms.
The tine arms are also bolted to the rotor hubs to ensure an extremely secure mounting. The tine arms cannot work loose, so cannot twist as a result. Totally uniform crop take-up is ensured by the precise tine interval. That is the prerequisite for an optimum spread pattern.

HEAVY DUTY tine security system

- The arched mounting for the tines provides support during operation and makes the tines more robust.
- The durability of the tines is increased significantly.
- The integral tine security system reduces the risk of broken parts entering the harvesting chain.

MULTITAST wheel for perfect ground tracking

- A jockey wheel on the headstock ensures exact working height and best ground tracking.
- Output and operating speed can be increased considerably as a result.
- Adjust the jockey wheel without the need for tools.

Rotor pitch adjustment

- The rotor angle can be adjusted without the need for tools.
- The rotors can be set to match the forage conditions quickly and easily.
- A uniform and tidy spread pattern is ensured as a result.

Stabiliser struts

Stabiliser struts for best centre alignment with adjustable resistance setting.

The swept shape of the tine arms is unique.

The trailed tine arrangement reduces the load on the rotors and simultaneously allows the sweeping tines to work with less pressure and thus protect the forage. The swept shape of the rotor arms prevents forage from building up on the tine arms and wrapping around the rotors. Perfect spreading quality and clean forage is ensured.

Swept shape of the tine arms

- Sweeping tine guidance.
- Less stress on the bearings.
- Tines sweep more softly to protect crop.
- Arms remain free of crop.
- No wrapping around rotor.

ALPINHIT four and six-rotor tedders

Lightweight design and perfect ground tracking were the primary focus in the development of our ALPINHIT tedders. These two characteristics guarantee you'll be working efficiently, especially in the mountains. With the ALPINHIT series, PÖTTINGER offers two tedders in this segment.

	Working width DIN ft / m	Transport width ft / m	Rotors	Arms per rotor	Weight H lbs / kg	Weight N lbs / kg
ALPINHIT 4.4 H / N	13.12 / 4.0	8.03 / 2.45	4	5	628 / 285	728 / 330
ALPINHIT 6.6	18.86 / 5.75	8.37 / 2.55	6	5	–	1243 / 564

HIT four-rotor tedders

The highest requirements of small to medium-sized farms are met in full by our 4-rotor tedders. Designed for all forage types, these machines provide you with optimum distribution quality and perfect crop take-up.

	Working width DIN ft / m	Transport width ft / m	Rotors	Arms per rotor	Weight lbs / kg
HIT 4.47	14.44 / 4.4	8.20 / 2.50	4	6	1157 / 525
HIT 4.54	17.06 / 5.2	9.35 / 2.85	4	6	1212 / 550
HIT 4.54 T	17.06 / 5.2	9.35 / 2.85	4	6	1411 / 640

HIT six-rotor tedders

The tedder series with six rotors is for farmers who value high specifications and ease of use. These six-rotor machines provide excellent ground tracking, the best crop take-up and a uniform spread pattern.

	Working width DIN ft / m	Transport width ft / m	Rotors	Arms per rotor	Weight lbs / kg
HIT 6.61	18.86 / 5.75	8.37 / 2.55	6	5	1731 / 785
HIT 6.69	21.16 / 6.45	9.84 / 3.0	6	6	1885 / 855
HIT 6.80	24.44 / 7.45	9.84 / 3.0	6	6	2072 / 940
HIT 6.80 T	24.44 / 7.45	9.84 / 3.0	6	6	2293 / 1040

HIT eight-rotor tedders

We meet the highest specifications in the professional sector with these eight-rotor machines. You will be impressed by how convenient they are to operate. The new DYNATECH rotors guarantee even better working quality with the best forage protection.

	Working width DIN ft / m	Transport width ft / m	Rotors	Arms per rotor	Weight lbs / kg
HIT 8.81	25.26 / 7.7	9.64 / 2.94	8	5	2403 / 1090
HIT 8.91	28.22 / 8.6	9.84 / 3.0	8	6	2756 / 1250
HIT 8.91 T	28.22 / 8.6	9.84 / 3.0	8	6	3329 / 1510

HIT T high output trailed tedders

Trailed HIT T tedders from PÖTTINGER combines high output with intelligent technology. All of our models feature refined lifting geometry. This means you can raise the tedder into the headland position quickly and easily.

	Working width DIN ft / m	Transport width ft / m	Rotors	Arms per rotor	Weight lbs / kg
HIT 8.9 T NEW	28.22 / 8.6	9.51 / 2.9	8	6	3858 / 1750
HIT 10.11 T	34.77 / 10.6	9.51 / 2.9	10	6	4619 / 2095
HIT 12.14 T	41.67 / 12.7	9.51 / 2.9	12	6	5236 / 2375

Testimonial:
Josef Koliba, Czech Republic

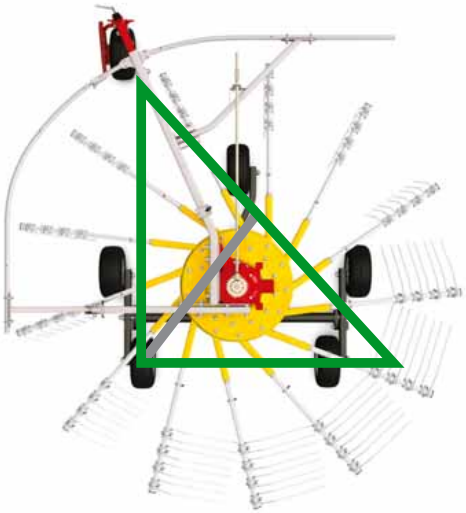
"I use the HIT 10.11 T trailed tedder with a working width of 36 ft / 11 m. What I really like about this machine is the DYNATECH rotors – because they handle the crop carefully – and the height-adjustable tines. My son Pavel does a great job of running the farm and particularly enjoys working with the HIT; he covered 988 acres / 400 ha with this tedder last season."

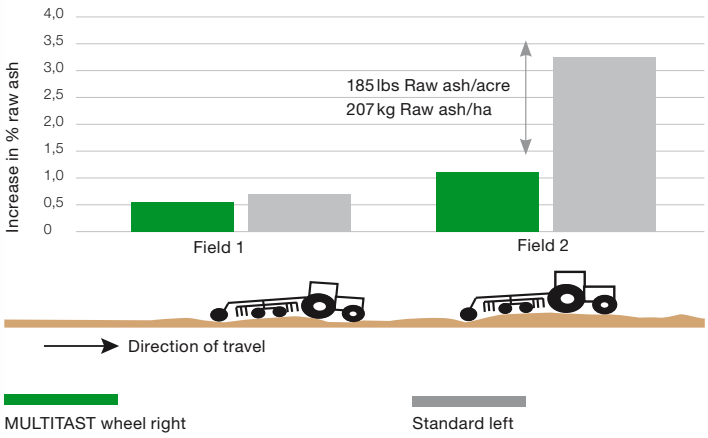
Rakes

TOP performance – TOP forage quality

Smooth-running PÖTTINGER rakes with perfect ground tracking and extreme manoeuvrability meet the high specifications of the industry. Rakes with the lowest disintegration loss and minimal soil accumulation guarantee energy-rich forage and economical use of base forage.

TOP 962 C

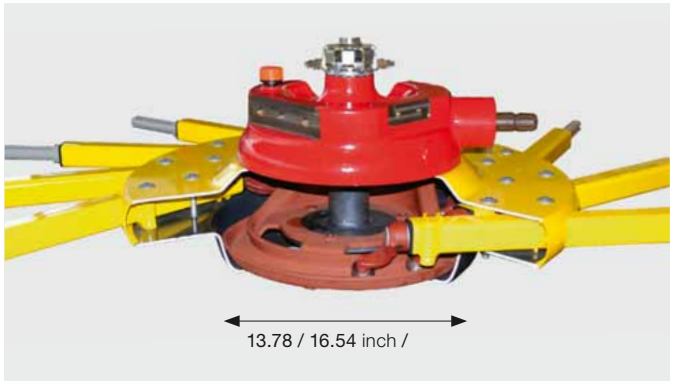




MULTITAST jockey wheel – DLG-approved forage conservation

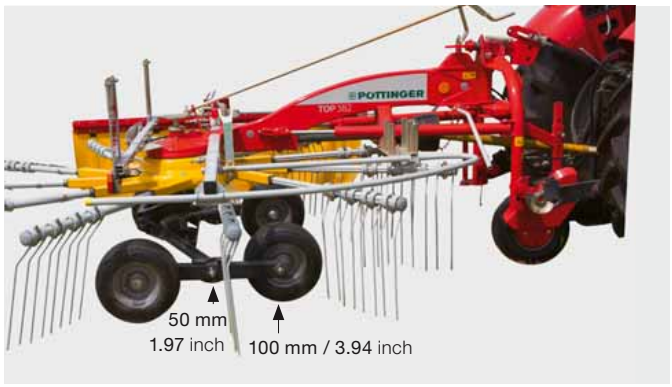
- The MULTITAST wheel makes the support triangle much larger. This makes the rotors run more smoothly and suppresses vibrations
- The result is up to 25 % less raw ash/dirt in the forage.

The DLG Focus Test "Ground tracking and forage contamination in grass silage" in November 2013 confirms: The PÖTTINGER MULTITAST wheel delivers ideal ground tracking and clean forage.
The test was performed using the TOP 762 C twin rotor centre-swath rake. The right-hand rotor was fitted with a MULTITAST wheel, while the left-hand rotor was equipped with a standard chassis without MULTITAST wheel.



TOPTECH PLUS rotors

- Precision components combined with tough materials for a long service life.
- The tine arm bearings are widely spaced to provide maximum strength.
- Cam track diameter 13.78 or 16.54 inch / 350 or 420 mm.
- Wide bearing spacing on the tine arms for the highest strength with minimum stress on the arm bearings.
- The cam track can be adjusted to different forage volumes and changing harvesting conditions.
- The entire rotor unit is encapsulated dust-tight.
- Maintenance-free and high durability steel cam rollers.
- The rotor transmission is encapsulated and runs in a sealed grease bath.
- If damaged, the whole tine arm can be replaced quickly and easily by removing just two bolts.



Tandem chassis

- Wide wheel spacing for the best performance on slopes.
- Driving speeds in excess of 9.3 mph / 15 km/h are possible.
- Rotor pitch is adjustable.

TOP single-rotor rakes

Our single-rotor machines are ideal choice for smaller fields. For big raking power with smaller tractors, the TOP 421 A TOPTECH PLUS and TOP 461 A TOPTECH PLUS are also available as trailed machines.

	Working width ft / m	Transport width ft / m	Tine arms	Tine pairs per arm	Weight lbs / kg
ALPINTOP 300 U	9.84 / 3.0	4.27 / 1.3	8	3	617 / 280
TOP 342	11.15 / 3.4	6.4 / 1.95	10	4	1045 /474
TOP 382	12.47 / 3.8	6.4 / 1.95	11	4	1091 / 495
TOP 422	13.78 / 4.2	7.51 / 2,29	12	4	1609 / 730
TOP 462	15.09 / 4.6	7.51 / 2,29	12	4	1687 / 765
TOP 421 A TOPTECH PLUS	13.78 / 4.2	7.74 / 2.36	12	4	1753 / 795
TOP 461 A TOPTECH PLUS	15.09 / 4.6	7.74 / 2.36	12	4	1830 / 830

TOP twin rotor side-swath rakes

Our side-swath rakes can easily be adapted to different crop conditions and harvesting technology. We achieve the perfect ground tracking delivered by PÖTTINGER rakes thanks to the optimised setup and independent movement of the rotors.

	Working width ft / m	Transport width ft / m	Tine arms	Dual tines per arm	Swath formation	Weight lbs / kg
TOP 652 NEW	21.0 / 6.4	9.68 / 2.95	10/12	4	left	4409 / 2000
TOP 662	21.49 – 23.95 / 6.55 – 7.3	8.36 / 9.51 / 2.55 / 2.9	2 x 12	4	right	4387 / 1990
TOP 722	22.31 – 24.93 / 6.8 – 7.6	8.56 / 9.51 / 2.61 / 2.9	2 x 13	4	right	5489 / 2490
TOP 812	24.93 / 7.6	9.51 / 2.9	2 x 13	4	right	6195 / 2810
TOP 611 A TOPTECH PLUS	11.15 – 20.34 / 3.4 – 6.2	6.89 / 2.1	2 x 12	4	left	3726 / 1690
TOP 691 A TOPTECH PLUS	13.78 – 22.64 / 4.2 – 6.9	7.87 / 2.4	2 x 12	4	left	3814 / 1730

TOP C twin rotor centre-swath rakes

The advantage of our centre-swath rakes is their uniform and airy swath placement. Our centre-swath rakes guarantee a perfectly matched swath for the next machine in the harvest chain.

	Working width ft / m	Transport width ft / m	Tine arms	Tine pairs per arm	Weight lbs / kg
TOP 612	19.36 / 5.9	8.86 / 2.7	2 x 11	4	2227 / 1010
TOP 612 C	19.36 / 5.9	8.37 / 2.55	2 x 11	4	3241 / 1470
TOP 702 C	20.50 – 22.63 / 6.25 – 6.9	8.36 / 9.51 / 2.55 / 2.9	2 x 11	4	3704 / 1680
TOP 762 C CLASSIC	22.47 / 6.85	8.36 / 9.51 / 2.55 / 2.9	2 x 11	4	3968 / 1800
TOP 762 C	22.15 – 24.61 / 6.75 – 7.5	8.36 / 9.51 / 2.55 / 2.9	2 x 13	4	4277 / 1940
TOP 842 C	25.26 – 27.56 / 7.7 – 8.4	9.51 / 2.9	2 x 13	4	5688 / 2580
TOP 962 C	29.20 – 31.50 / 8.9 – 9.6	9.68 / 2.95	2 x 15	4	6900 / 3130

TOP C four-rotor rake

Short harvesting windows necessitate high performance harvesting technology. The professional TOP C series offers you powerful centre-swath rakes with the highest possible output.

	Working width ft / m	Transport width ft / m	Rotor	Tine arms	Dual tines per arm	Weight lbs / kg
TOP 1252 C NEW	26.25 – 41.01 / 8.0 – 12.5	9.84 / 3.0	4	4 x 13	4	13922 / 6315

Testimonial:
Christian Litzllachner, Amstetten, Austria

"I have a farm with dairy cattle and also breed young stock. We are family-owned with 99 acre / 40 ha grassland and 124 acre / 50 ha arable. I am very impressed with the build of PÖTTINGER machinery, which is why I own several of their implements. What I really appreciate about my TOP 722 rake is its reliability. PÖTTINGER offers excellent customer care as well as a spare parts service that has worked perfectly so far."

Loader wagons

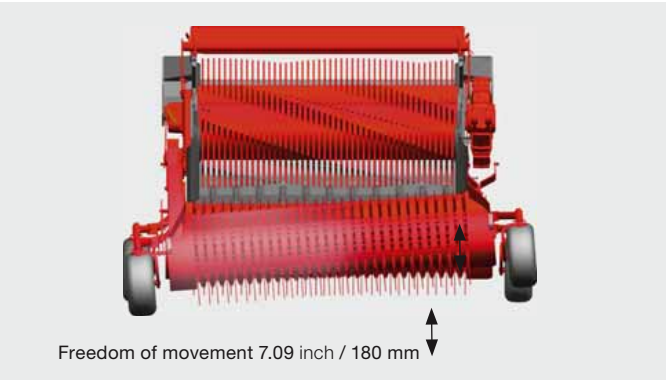
The number 1 worldwide

Our PÖTTINGER loader wagons are characterised by smooth operation, high output and versatility: we offer a comprehensive product range extending from hay loader wagons to high-capacity silage wagons. Covering all your specific farm or contracting needs.

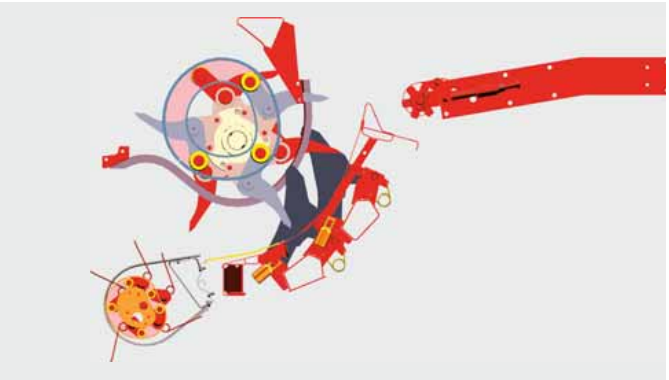
FARO 5010 / FARO 4010 COMBILINE

Floating pick-up for maximum intake

The PÖTTINGER pick-up guarantees maximum feed rate. The transfer zone from the pickup tines to the rotor has been optimised and adapted to high throughput The PÖTTINGER floating pick-up, with six rows of tines, delivers impressive performance. A reliable and high intake pick-up is still achieved at high forward speeds and in difficult harvest conditions.



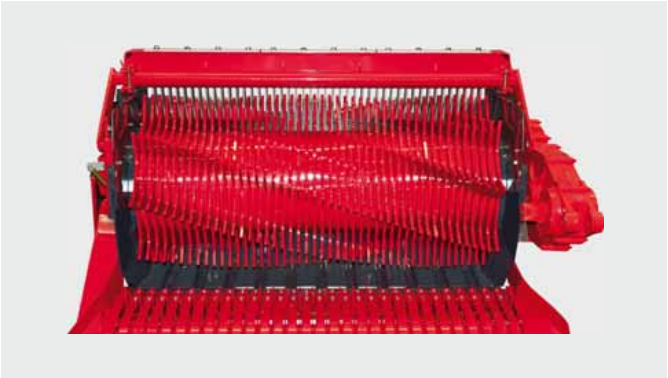
Freedom of movement 7.09 inch / 180 mm



- Tines are at a swept back angle near the ground.
- Careful crop handling thanks to optimum pick-up speed.
- Best ground tracking.
- Maximum conveyor effect to rotor - even in difficult harvesting conditions such as in damp and short grass.
- Less soil is picked up if the ground is touched.
- Service-friendly cam track.
- Long-life greasing and low-maintenance tine tube bearing.
- Easily accessible - remote greasing points.
- Jockey wheel chassis available as an option.

Smooth running tine conveyors

- Completely smooth running and above-average loading volume guaranteed.
- The crop is conveyed gently and is chopped precisely without jolting.
- The conveyor tines are controlled by a cam track at either end of the drive shaft.

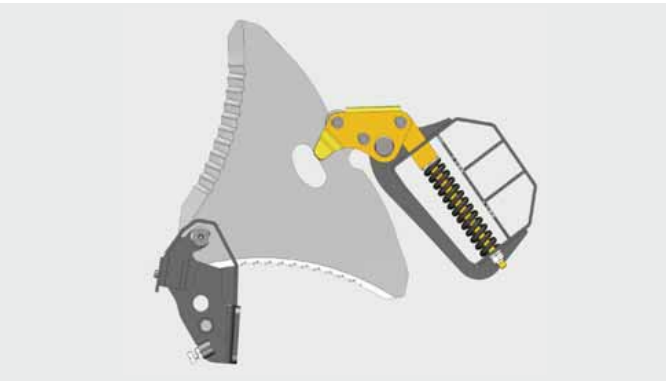


High output rotors

- Perfect forage transfer from the pick-up and maximum capacity even with wet and short forage.
- The refined shape of the rotor tines have been tried and tested over many years.
- Scrapers with a special configuration: the scrapers are fitted and bolted individually. The optimised position in relation to the rotor tines reduces energy consumption and ensures that the crop fills up perfectly like no other system.
- The optimum gap between the knives and tines ensures smooth operation and protects the knives from foreign objects.

EASY MOVE – the original

- This unique swing-out knife bank makes changing the knives a piece of cake.
- No need to even stoop when you change or clean the knives at the side of the wagon.



POWERCUT – SHORT CUT CHOPPING SYSTEM

- New development to chopping system.
- Optional: patented reversible TWIN BLADE knives – double the service life. A consistent perfect chop is guaranteed - replacement knives on-board!
- The knife bank swings out under pressure to the side of the wagon operated conveniently from the tractor seat using the control terminal.
- Newly developed knife bank release system. Unsurpassed convenience in operation and maintenance: no tools needed to swing out the knife bank.

3.3 sh t / 3-tonne low hitch drawbar NEW

- For your safety, the new drawbar has been subjected to rigorous testing, including 2 million changes in load at a frequency of 1.5 Hz with a test weight of 11 sh t / 10 tonnes.
- Speeds of up to 65 mph / 105 km/h are possible in theory.
- Greater drawbar load on the rear axle of the tractor – higher permissible laden weight.
- For loader wagon models: EUROPROFI COMBILINE / TORRO COMBILINE, JUMBO / JUMBO COMBILINE.

BOSS JUNIOR / BOSS ALPIN / EUROBOSS
loader wagons with tine conveyors

The production of quality forage also has the highest priority on small farms. The extra lightweight loader wagons with tine conveyors - the BOSS JUNIOR and BOSS ALPIN - deliver loss-free crop take-up and high loading performance with a very low power requirement.

	Capacity cu ft / m³	DIN volume cu ft / m³	Chop length inch / mm	Power requirements
BOSS JUNIOR 17 T	600 / 17	406 / 11.5	4.72 / 120	15 – 44 kW / 20 – 60 hp
BOSS JUNIOR 22 T	777 / 22	503 / 14.25	4.72 / 120	15 – 44 kW / 20 – 60 hp
BOSS ALPIN 211	741 / 21	477 / 13.5	3.31 / 84	29 – 74 kW / 40 – 100 hp
BOSS ALPIN 251	883 / 25	568 / 16.1	3.31 / 84	29 – 74 kW / 40 – 100 hp
BOSS ALPIN 291	1024 / 29	660 / 18.7	3.31 / 84	29 – 74 kW / 40 – 100 hp
EUROBOSS 250 T / H	883 / 25	568 / 16.1	1.69 / 43	44 – 81 kW / 60 – 110 hp
EUROBOSS 290 T / H	1024 / 29	660 / 18.7	1.69 / 43	44 – 81 kW / 60 – 110 hp
EUROBOSS 330 T / H	1165 / 33	752 / 21.3	1.69 / 43	44 – 81 kW / 60 – 110 hp
EUROBOSS 330 D-T / D-H	1165 / 33	724 / 20.5	1.69 / 43	44 – 81 kW / 60 – 110 hp
EUROBOSS 370 T / H	1306 / 37	844 / 23.9	1.69 / 43	44 – 81 kW / 60 – 110 hp

PRIMO loader wagons with tine conveyors

The PRIMO series has been developed as a versatile, smooth running mid-range class of loader wagon with crop-conserving tine conveyors. Overlapping conveyor system with up to 8 conveyor tines and up to 31 knives guarantees well-structured forage for your dairy cattle.

	Capacity cu ft / m³	DIN volume cu ft / m³	Cut length inch / mm	Power requirements
PRIMO 351 L	1236 / 35	777 / 22	1.77 / 45	51 – 96 kW / 70 – 130 hp
PRIMO 401 L / D	1412 / 40	900 / 883 / 25.5 / 25	1.77 / 45	51 – 96 kW / 70 – 130 hp
PRIMO 451 L	1589 / 45	1006 / 28.5	1.77 / 45	51 – 96 kW / 70 – 130 hp
PRIMO 501 L	1765 / 50	1112 / 31.5	1.77 / 45	51 – 96 kW / 70 – 130 hp
PRIMO 701 L	2471 / 70	1377 / 39	8.27 / 210	51 – 96 kW / 70 – 130 hp
PRIMO 801 L	2825 / 80	1695 / 48	8.27 / 210	51 – 96 kW / 70 – 130 hp

FARO / FARO COMBILINE loader wagons with rotors

With the FARO series, we meet your demand for high performance rotor technology for medium sized tractors.

	Capacity cu ft / m³	DIN volume cu ft / m³	Cut length inch / mm	Power requirements
FARO 3510 L / D	1236 / 35	847 / 812 / 24 / 23	1.77 / 45	66 – 110 kW / 90 – 150 hp
FARO 4010 L / D	1412 / 40	953 / 918 / 27 / 26	1.77 / 45	66 – 110 kW / 90 – 150 hp
FARO 4510 L / D	1589 / 45	1059 / 1024 / 30 / 29	1.77 / 45	66 – 110 kW / 90 – 150 hp
FARO 5010 L / D	1765 / 50	1165 / 1130 / 33 / 32	1.77 / 45	66 – 110 kW / 90 – 150 hp
FARO 8010 L	2824 / 80	1695 / 48	5.32 / 135	66 – 110 kW / 90 – 150 hp
FARO 10010 L NEW	3530 / 100	1836 / 52	5.32 / 135	66 – 110 kW / 90 – 150 hp
FARO 4010 L / D COMBILINE	1412 / 40	812 / 777 / 23 / 22	1.77 / 45	66 – 110 kW / 90 – 150 hp

EUROPROFI COMBILINE

multipurpose loader wagons with rotors

Our EUROPROFI series has stood for smooth operation, performance and convenience in harvesting for more than 20 years. Multipurpose, even more capacity and featuring a 1.54 inch / 39 mm chopped length capability, the new EUROPROFI COMBILINEs are ready for action.

	Capacity cu ft / m³	DIN volume cu ft / m³	Cut length inch / mm	Power requirements
EUROPROFI 4510 L / D COMBILINE	1589 / 45	918 / 883 / 26 / 25	1.54 / 39	96 – 162 kW / 130 – 220 hp
EUROPROFI 5010 L / D COMBILINE	1765 / 50	1024 / 988 / 29 / 28	1.54 / 39	96 – 162 kW / 130 – 220 hp
EUROPROFI 5510 L / D COMBILINE	1942 / 55	1130 / 1095 / 32 / 31	1.54 / 39	96 – 162 kW / 130 – 220 hp

TORRO COMBILINE multipurpose wagon with loading rotor

The high-performance TORRO fulfils all your needs for cost-effective silage harvesting. This range gives you high output and reliable performance for high capacity harvesting operations.

	Capacity cu ft / m³	DIN volume cu ft / m³	Cut length inch / mm	Power requirements
TORRO 5510 L/D COMBILINE	1942 / 55	988 / 953 / 28 / 27	1.34 / 34	118 – 221 kW / 160 – 300 hp
TORRO 6010 L / D COMBILINE	2119 / 60	1112 / 1077 / 31.5 / 30.5	1.34 / 34	118 – 221 kW / 160 – 300 hp
TORRO 6510 L / D COMBILINE	2295 / 65	1236 / 1200 / 35 / 34	1.34 / 34	118 – 221 kW / 160 – 300 hp
TORRO 7010 L / D COMBILINE NEW	1448 / 41	1412 / 1359 / 40 / 38.5	1.34 / 34	118 – 221 kW / 160 – 300 hp
TORRO 8010 L / D COMBILINE NEW	1571 / 44.5	1518 / 1483 / 43 / 42	1.34 / 34	118 – 221 kW / 160 – 300 hp

T = low-profile, H = high-profile, L = loader wagon, D = with beaters

JUMBO loader wagons with rotors

Highest output, strength and reliability are offered by PÖTTINGER's flagship wagon - the JUMBO. In the "Battle of the Systems" our professional-class loader wagon with its enormous load capacity proved to be the most cost-effective choice for harvesting quality silage.

	Capacity cu ft / m³	DIN volume cu ft / m³	Cut length inch / mm	Power requirements
JUMBO 6610 L	2330 / 66	1377 / 39	1.34 / 34	118 – 331 kW / 160 – 450 hp
JUMBO 7210 L	2542 / 72	1501 / 42.5	1.34 / 34	118 – 331 kW / 160 – 450 hp
JUMBO 8010 L	2825 / 80	1642 / 46.5	1.34 / 34	118 – 331 kW / 160 – 450 hp
JUMBO 10010 L	3531 / 100	1748 / 49.5	1.34 / 34	118 – 331 kW / 160 – 450 hp

JUMBO COMBILINE multipurpose loader wagons with rotors

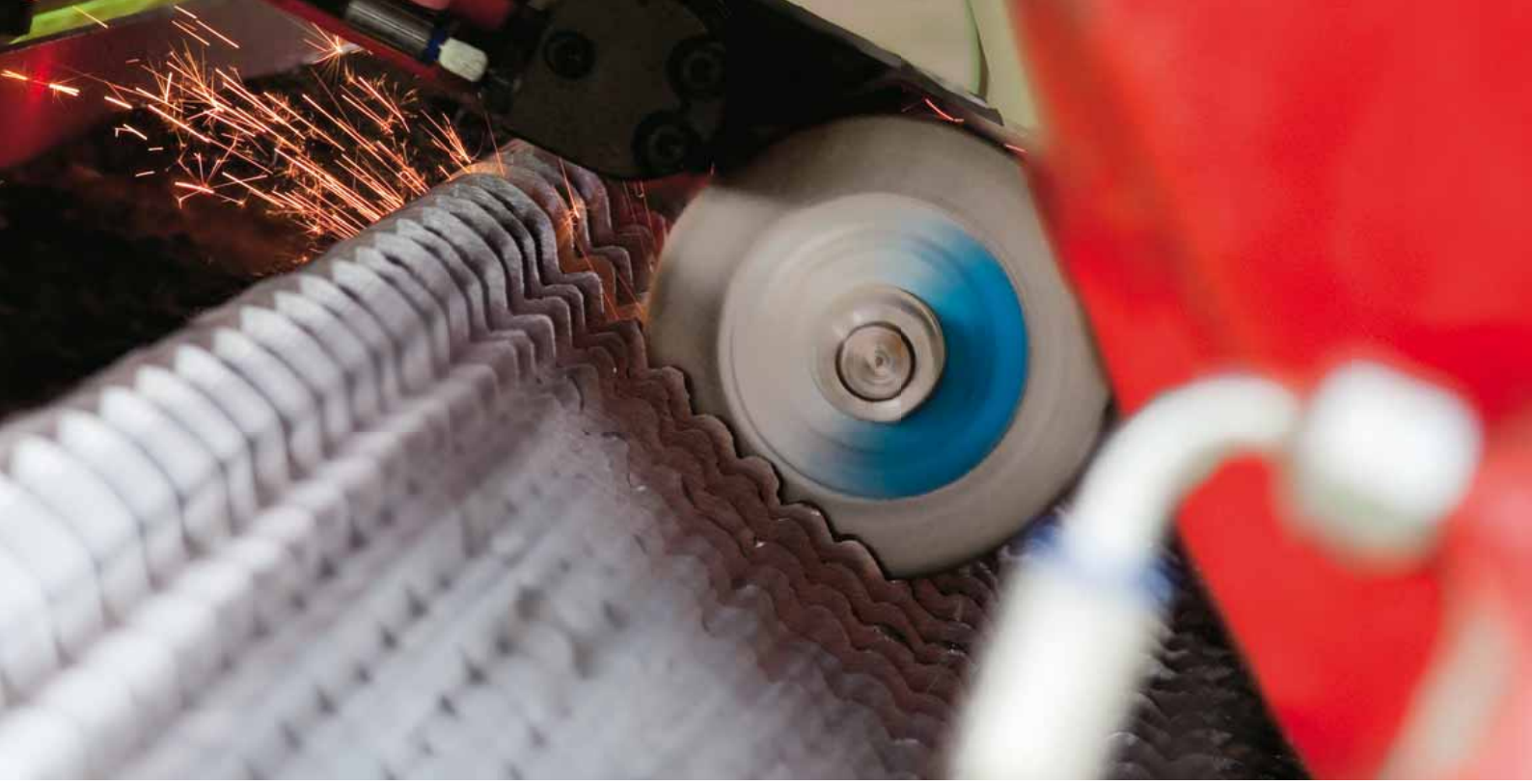
With the combination loader wagon JUMBO combiline, we can deliver maximum flexibility and increased machine utilisation. As a highly productive loader wagon and harvest transport wagon, the JUMBO COMBILINE provides you with a true master of all trades.

	Capacity cu ft / m³	DIN volume cu ft / m³	Cut length inch / mm	Power requirements
JUMBO 6010 L / D COMBILINE	2119 / 60	1211 / 1162 / 34.3 / 32.9	1.34 / 34	118 – 331 kW / 160 – 450 hp
JUMBO 6610 L / D COMBILINE	2542 / 72	1338 / 1289 / 37.9 / 36.5	1.34 / 34	118 – 331 kW / 160 – 450 hp
JUMBO 7210 L / D COMBILINE	2825 / 80	1465 / 1416 / 41.5 / 40.1	1.34 / 34	118 – 331 kW / 160 – 450 hp
JUMBO 10010 L / D COMBILINE	3531 / 100	1698 / 1645 / 48.1 / 46.6	1.34 / 34	118 – 331 kW / 160 – 450 hp

Testimonial:
Mr. Sauvegrain von Sarl Edt Vantomme, Feugres, France

"We have been impressed with the chopping quality of the JUMBO loader wagon over the last 12 years. We now also have a JUMBO 7210 with AUTOCUT and a SUPER LARGE pick-up. The AUTOCUT knife sharpening system on the JUMBO has become indispensable for us! We get the benefit of first class chopping quality all day and the knives last much longer too. On the JUMBO we also appreciate the way the forage flows into the rotor and the hydraulic folding system on the pick-up jockey wheels."

L = loader wagon, D = beaters



AUTOCUT

Fully automatic knife sharpening system for TORRO COMBILINE and JUMBO models

The AUTOCUT knife sharpening system enables convenient knife sharpening directly on the loader wagon. Depending on the wear of the knives, simply select the number of sharpening cycles using the control terminal. This considerably reduces your maintenance requirements and at the same time guarantees long-lasting optimal cutting quality with lower fuel consumption and increased output.

Your advantages

- Knife sharpening system mounted directly on the loader wagon.
- Fully automatic sharpening of the complete set of knives
- Sharpening cycle takes around four minutes
- Knives are always kept sharp to ensure best chopping quality.
- 15 % lower power requirement – reduces diesel consumption.
- Significant reduction in maintenance.

Savings / consistent chop length

The crop is cut in precisely the same way again and again, and is not squashed.

15 % less power needed

- Saves on diesel consumption by approx. 1.1 gal / 5 litres per hour.
- Increases performance capacity
- Greater cost effectiveness

Net saving at 300 hours of use per year is around € 1,500

Much lower maintenance requirement

- Fully automatic sharpening of the complete set of knives in around 4 minutes per cycle.
- Time spent on maintenance is reduced by about 45 minutes per day.

Net saving at 300 hours of use per year is around € 1,350

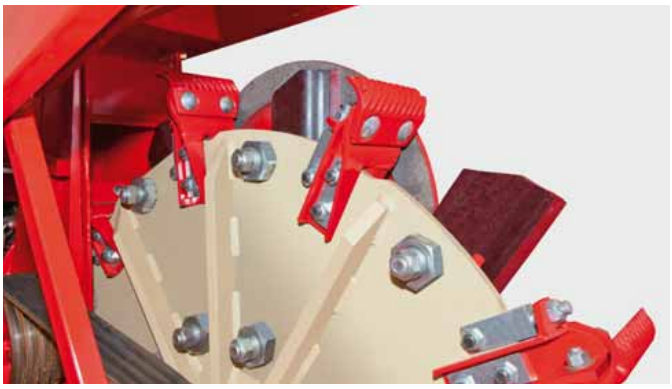
Your total cost saving: **up to € 3,000 per year***

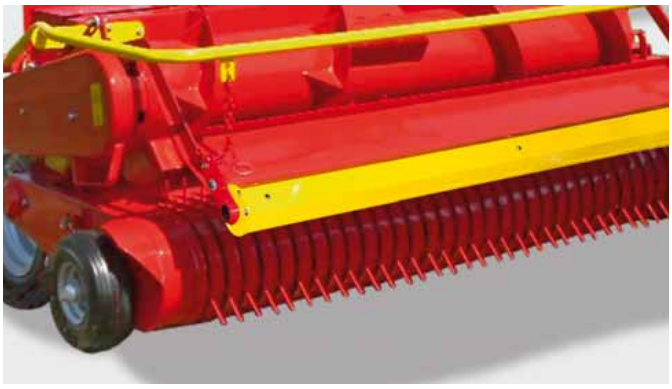
* If the loader wagon is used on average 300 hours per year

Machine of the Year 2010

Forage harvesters

MEX 6





Proven flywheel technology

The combination of feed rollers, exact chopped length with the flywheel and corn cracker guarantees top cutting material as well as a crop full of nutrients.
The corn cracker can be quickly removed for grass harvesting. The flywheel system delivers enormous blowing power to propel the crop through the chute. The knives can be adjusted centrally to achieve the best cutting gap while a tungsten carbide coating ensures a long service life. The row-less maize header enables you to harvest independently of rows or row spacing.

Grass pick-up

The 6.23 ft / 1.9 m-wide MEX pick-up with five rows of tines delivers impressive performance – even at high forward speeds and in all harvest conditions. Only a clean crop can guarantee trouble-free fermentation for high quality silage.

MEX – Forage harvesters

PÖTTINGER's MEX 5 and MEX 6 forage harvesters offer maximum performance for harvesting silage maize and grass. Unrivalled strength for tough conditions harvesting grass or maize.

	Linkage	Maize header ft / m	Pick-up ft / m	Knives	Weight lbs / kg
Forage harvester from 96 kW / 130 hp to 162 kW / 220 hp					
MEX 5	Mounting configuration	7.22 / 2.2 row-independent	6.23 / 1.90 (optional)	10	4740 / 2150
MEX 6	trailed	7.22 / 2.2 row-independent	6.23 / 1.90 (optional)	10	6504 / 2950
MEX 6 grass	trailed	–	6.23 / 1.90 (standard)	10	5754 / 2610

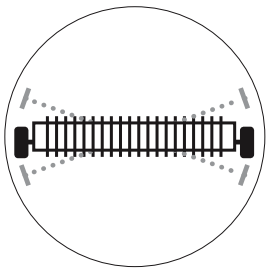
Round balers

With our IMPRESS round baler we enhance the farmer's quality of life with safe and convenient operation and their livestock's quality of life with the best forage quality. Regardless of whether in wet or dry conditions, for straw, hay or silage - the IMPRESS is a machine for all operating conditions.

IMPRESS 125 F PRO / IMPRESS 155 V PRO

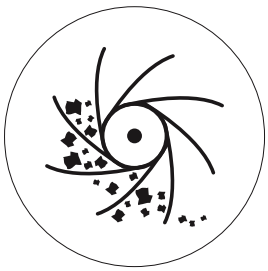
Versatility - suitable for all crop types

- Blockages are easily removed.
- Flexible soft core setting.
- Double the service life of knives.



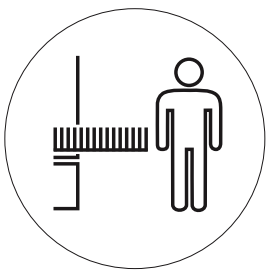
Forage quality - best forage in every situation

- Superb ground tracking and cleanly collected crop.
- Uniform chopping quality.
- Short chopped length.
- Bale quality (shape and density).



Reliability - you can rely on us

- Works every time: reliable bale start in all operating conditions.
- Reduced risk of contamination.



Convenience - makes things easier for your working day

- Safe access to chopping system.
- Pull-out knife bank at workbench height.
- Quick and easy knife changes.

4.72" / 120 mm travel path

A controlled floating pick-up

The tines are slightly trailed to sweep in a controlled arc and adapt ideally to ground contours. Clean forage is guaranteed. The fully active tine length up to the withdrawal point ensures the forage is transferred to the rotor perfectly. Combined with the reduced speed of the rotor, the forage is not dragged but fed actively into the rotor. Five controlled rows of tines ensure that crop is collected reliably at high capacity, even while driving at high speeds in difficult harvest conditions.

FLEXCUT 32 – for a short chopped length
IMPRESS PRO model offering 1.42" / 36 mm short chop with 32 knives

The new, pull-out FLEXCUT 32 short chop system features 32 TWINBLADE reversible knives provides a theoretical chopped length of 1.42 inch / 36 mm across the entire rotor width. PÖTTINGER, the world leader in loader wagons, has thus managed to integrate loader wagon chop quality into a round baler for the first time. Short chop not just for silage, but also for hay and straw. That is unique.

The perfect flow - unique crop flow path

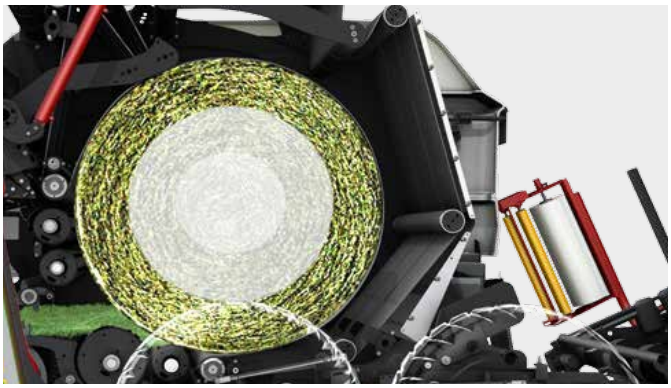
Thanks to the tangential flow of the crop into the chamber, the bale starts turning reliably in all operating conditions. Regardless of whether in wet or dry conditions, whether for straw, hay or silage - here is one machine for all operating conditions. The bale chamber is fed uniformly across the whole width. This greatly reduces any weaving needed to produce perfectly shaped bales. LIFTUP technology places the chopping system above the rotor.

- Tangential crop flow into bale chamber for a perfect start to the bale.
- Two starter rollers above and below the throat.
- The rotor has seven rows of tines arranged in a spiral with a diameter of 25.59 inch / 650 mm.
- The loading rotor is mounted on self-aligning ball bearings at both ends.

EASY MOVE – pull-out knife bank

The IMPRESS features a swing-out chopping system with the proven EASY MOVE pull-out knife bank. That is pure convenience: Maintenance performed at safe height outside the bale chamber.

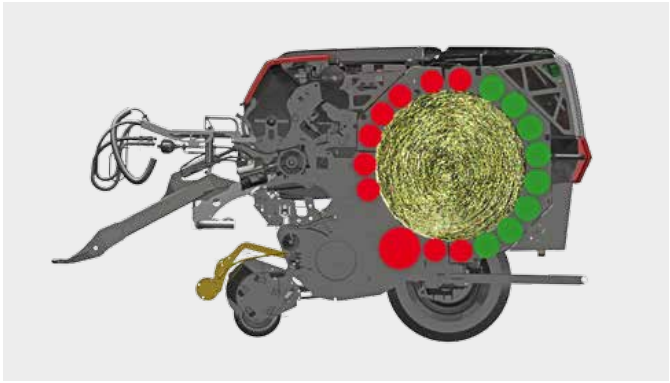
We know from experience: The higher the number of knives, the greater the importance the ease of maintenance becomes. With the IMPRESS, maintenance is straightforward and simple. Another innovation is the use of TWIN BLADE reversible knives, which provide double the service life. Now it is no longer necessary to sharpen knives during a days work.



3-zone soft core control

The belt tensioner makes it possible to control variable compression for the bale core, middle zone and outer zone. The size of the zones and the chosen zone pressures can be set using the terminal.

This makes it possible to produce an extremely wide range of high-stability bales of different diameters with soft or medium-compact cores, compact or soft middle zones and high density outer zones.



Fixed bale chamber

The fixed chamber on the F models has 18 chain-driven rollers to form uniform, high-stability bales. The front seven rollers make sure the bale rotates in every situation, even with straw. All rollers have the same dimensions in order to withstand the highest pressures and achieve maximum bale density.

Variable bale chamber

The variable chamber models have three endless belts with a hydraulically-adjustable pressure-controlled belt tensioner. The bale density can be variably set using the baling pressure and adjusted to the properties of the material to be baled. The three endless belts make sure the bale rotates in every situation, even with straw.

The PÖTTINGER product range

	MASTER	PRO
Power requirement	59 kW / 80 hp	74 kW / 100 hp
Standard control system	SELECT CONTROL	POWER CONTROL
Tractor PTO speed	540 rpm	1000 rpm
Maximum number of knives / Chopped length	16 / 2.83" / 72 mm	32 / 1.42"/36 mm
Pick-up width standard / optional	6.73' / 7.55' / 2.05 m / 2.3 m	7.55' / 2.3 m
Standard tyres	380/55-17	500/50-17

Overview of round balers

IMPRESS PRO

Our IMPRESS PRO models are available with a variable bale chamber or a fixed bale chamber. On IMPRESS PRO models the standard pick-up width is 7.55 ft / 2.30 m.

	Bale diameter ft / m	Weight lbs / kg	Greasing	Belt
IMPRESS 125 F PRO	4.10 / 1.25	10692 / 4850	Progressive*	Rollers
IMPRESS 155 V PRO	2.62 – 5.09 / 0.8 – 1.55	10692 / 4850	Progressive*	Endless belts
IMPRESS 185 V PRO	2.95 – 6.07 / 0.9 – 1.85	10913 / 4950	Progressive*	Endless belts

* automatic greasing system is optional

IMPRESS MASTER

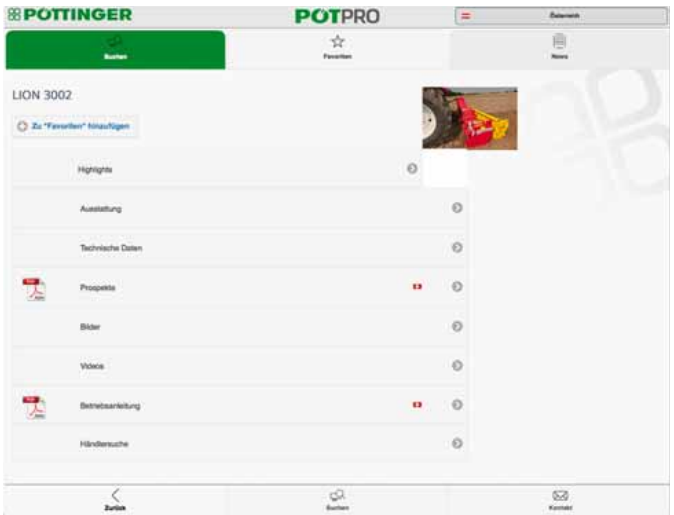
The PÖTTINGER IMPRESS MASTER models are available with a fixed or variable bale chamber. The standard pick-up width is 6.73 ft / 2.05 m.

	Bale diameter ft / m	Weight lbs / kg	Greasing	Belts or rollers
IMPRESS 125 F MASTER	4.10 / 1.25	10472 / 4750	Central greasing point	Rollers
IMPRESS 155 V MASTER	2.62 – 5.09 / 0.8 – 1.55	10472 / 4750	Central greasing point	Endless belts
IMPRESS 185 V MASTER	2.95 – 6.07 / 0.9 – 1.85	10692 / 4850	Central greasing point	Endless belts

PÖTPRO – Simple. Anytime. Anywhere.

For all PÖTTINGER machines – 1997 models onwards
PÖTPRO stands for PÖTTINGER PROduct information for PÖTTINGER Professionals. We have created PÖTPRO as a tool to provide the following machine-specific information for all machines from year of build 1997 onwards.

Simply scan the QR code on the data plate with your smartphone or tablet or enter your machine number at www.poettinger.at/poetpro.



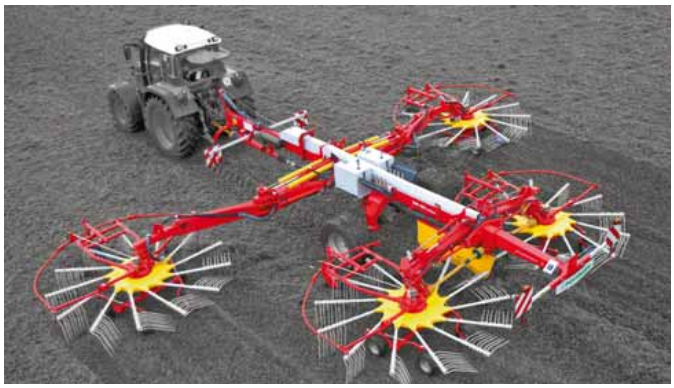
Your machine goes online.
All the information on your machine.

You will immediately receive all the information on your machine.

- Instruction manual
- Optional equipment information
- Brochures
- Photos and videos.

PÖTPRO

Control terminals



Exceptional operating convenience

PÖTTINGER's new generation of in-cab terminals make sure you have everything under control, even after a long day in the field. The development of the terminal focussed on maximum operating convenience, ergonomics and automation of each working step.

Control terminals make life easier for tractor drivers so they can focus on working safely and efficiently. The new generation of terminal has been revised. The result is a range of control systems, from electronic preselect controls through to fully integrated ISOBUS terminals.

Tough and illuminated –
ready to work day and night

- Heavy-duty two-component synthetic casing with rubber edge guard.
- All units feature an illuminated graphic display.
- Raised back-lit keys for optimum visibility at night.

SELECT
CONTROL

DIRECT
CONTROL

SELECT CONTROL / COMPASS CONTROL

We have completely revised the SELECT CONTROL pre-select control system. This robust terminal features an illuminated display and back-lit keys. The nine function keys are therefore clearly visible in the dark. You can easily pre-select all machine functions using the SELECT CONTROL terminal. These functions are then performed by the tractor's hydraulics system. No more tiresome lanyards to operate. Thanks to an intelligent operating hours counter, you can now closely monitor the time taken for each job. SELECT CONTROL supervises the status of the machine and prevents malfunctions and damage as a result.

The new on-board COMPASS CONTROL computer has been developed for VITASEM seed drills. The following functions can now be performed easily and conveniently: electronic tramline switching, calibration assistant, hectare counter and speed display.

DIRECT CONTROL

The convenient electronic DIRECT CONTROL system has been developed especially for our wide range of loader wagons. All functions can be selected directly. This means you don't need to continually swap between the loading and unloading menus. The brightness of the graphic display and illuminated keys is adjustable.

- The loading chamber lights and external floodlights can also be controlled.
- Wagon full signal with load counter.
- Switch for scraper floor at rear of wagon (optional).
- Two-speed motor directly selectable.
- Steered axle directly selectable.

POWER
CONTROL

POWER CONTROL
Wireless

POWER CONTROL

POWER CONTROL is the new standard on all ISOBUS-compatible PÖTTINGER machines. A total of 23 keys offer the highest level of convenience for operating PÖTTINGER machines. For fully flexible loader wagon operation, PÖTTINGER has extended the functions of the POWER CONTROL terminal.

POWER CONTROL Wireless

enables convenient operation of the loader wagon even outside the tractor cab. Now you have even more control unloading machines with cross conveyor belts, for example. The control terminal can be worn using a belt so that you have both hands free. An extended range of up to 328.08 ft / 100 m ensures a reliable connection between the tractor, machine and control terminal.

ISOBUS Terminal CCI 100

ISOBUS is the worldwide standard for the communication between tractors and machinery, as well as the transfer of data between these mobile systems and agricultural office software. The new PÖTTINGER CCI 100 ISOBUS terminal not only offers all the functions provided by the POWER CONTROL terminal, but also enables professional operation of all ISOBUS-compatible machines from a wide range of manufacturers.

SEED COMPLETE – Precision farming

The seed rate can be adapted automatically using application maps prepared in advance on your office PC to enable site-specific drilling depending on soil conditions. To ensure traceability at a later date, the data can be archived for comparison over the long term on the office PC. The variable seed rate is yet another way of optimising yield.

PÖTTINGER makes things easier with	**SELECT CONTROL**	**DIRECT CONTROL**	**POWER CONTROL**	**POWER CONTROL Wireless**	**ISOBUS CCI 100**
NOVACAT X8	□	–	□	–	□
NOVACAT X8 COLLECTOR	–	–	■	–	□
NOVACAT A10	■	–	□	–	□
TOP 1252 C S-LINE	–	–	□	–	□
BOSS ALPIN / EUROBOSS	□ / ■	□	□	–	–
PRIMO L / FARO L / EUROPROFI L	–	■	□	□	□
EUROBOSS D / PRIMO D / FARO D / EUROPROFI D	–	–	■	□	□
TORRO / JUMBO / JUMBO COMBILINE	–	–	■	□	□

	COMPASS	**ARTIS ARTIS PLUS**	**POWER CONTROL**	**ISOBUS CCI 100**	**SEED COMPLETE**
VITASEM, AEROSEM	□	–	□	□	□ with ISOBUS
TERRASEM	–	■	□	□	□ with ISOBUS

■ = Standard, □ = Option

PÖTTINGER Original Parts

PÖTTINGER Original Parts meet the highest demands in terms of functionality, reliability and performance. These are characteristics that PÖTTINGER is committed to delivering. That is why we manufacture PÖTTINGER Original Parts from the highest quality materials. We ideally match each individual spare part and wear part to your machinery's overall system. This is because different soil and operating conditions often need to be taken into consideration.

DURASTAR PLUS

The toughest conditions know no limits

Are you used to putting your machines to work in the most extreme conditions? Then our DURASTAR PLUS line is the right choice for you. Excellent performance combined with the highest possible wear resistance is what you get with DURASTAR PLUS wear parts from PÖTTINGER.

DURASTAR

Keeps its promise

DURASTAR is the innovation on the wear components market – durable, high quality, productive and reliable. DURASTAR parts are ideally suited to every situation in the field where your machines are subjected to demanding conditions. Especially for conditions that cause above average wear.

CLASSIC

The classic benchmark specification – as standard equipment

CLASSIC – the classic line of spare and wear parts by PÖTTINGER. With these PÖTTINGER Original Parts we have defined the benchmark for quality, best price/performance ratio and reliability.

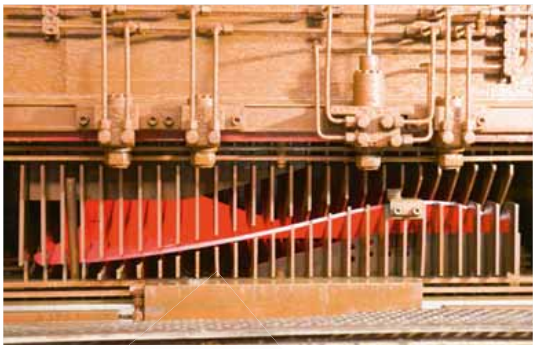
Testimonial:
Johann Pfaffeneder, Amstetten, Austria

"I operate a SYNKRO 3030 stubble cultivator with knife ring roller on my 148.26 acres / 60-hectare arable farm. The DURASTAR points and wings on my SYNKRO offer impressive soil penetration and an extended surface life. The working quality is excellent, even on my very heavy soil and in dry years. That is why I only use original PÖTTINGER spare parts for my SYNKRO 3030. Original PÖTTINGER spare parts are always available and are tuned especially for my SYNKRO 3030.

Soil preparation

DURASTAR PLUS

Stubble cultivator SYNKRO	DURASTAR PLUS point SYNKRO



DURASTAR

Plough SERVO	DURASTAR mould boards SERVO
	DURASTAR reversible points SERVO

DURASTAR

Stubble cultivator SYNKRO	DURASTAR points SYNKRO
	DURASTAR wings SYNKRO
Power harrow LION	DURASTAR tines power harrow LION
	DURASTAR roller scraper power harrow LION
	DURASTAR roller scraper compact combination FOX

Grassland

DURASTAR

Mower	DURASTAR mower blades
Tedder	DURASTAR spring tines 0.39 inch / 10 mm

DURASTAR

Loader wagon	DURASTAR loader wagon pick-up tines 0.24 inch / 6.3 mm EUROPROFI, FARO, TORRO und JUMBO
	DURASTAR loader wagon knifes 0.23 inch / 6 mm EUROPROFI, TORRO and JUMBO

Service & Spare parts

Durability, reliability and maximum uptime are the key features of PÖTTINGER machines. If technical problems do develop our local dealership is your first port of call. PÖTTINGER Customer Service provides support for special technical issues to our dealers. PÖTTINGER service technicians are on the move for you worldwide.

Worldwide service network – we are where you are.
Our dealerships are available on-site as your service partner. In 70 countries worldwide we guarantee to provide you with the best possible service. Together with our service partners you always have a professional and reliable go-to person at your side. Thanks to ongoing training sessions hosted by PÖTTINGER staff our dealerships are experts at handling our machines and provide the basis for your success.

The quick way to the right spare part
You own a PÖTTINGER machine and need the right spare parts and wear parts? No problem: Simply quote the machine number to your dealership. Using the PÖTTINGER spare parts catalogue 'PÖTDOC' and the machine number, they will immediately be able to find the parts that were actually fitted to your machine when it was shipped. This guarantees that the correct spare parts are ordered. This new development yet again underlines the importance of service quality at PÖTTINGER.

PÖTTINGER spare parts logistics
Our new spare parts logistics centre in Taufkirchen started operation in March 2017.

- 7,415 sq yd / 6,200 m^2 storage area.
- More than 50,000 articles.
- Up to 800 orders per day.
- Automated small parts storage.

Technology and Innovation Centre (TIZ)

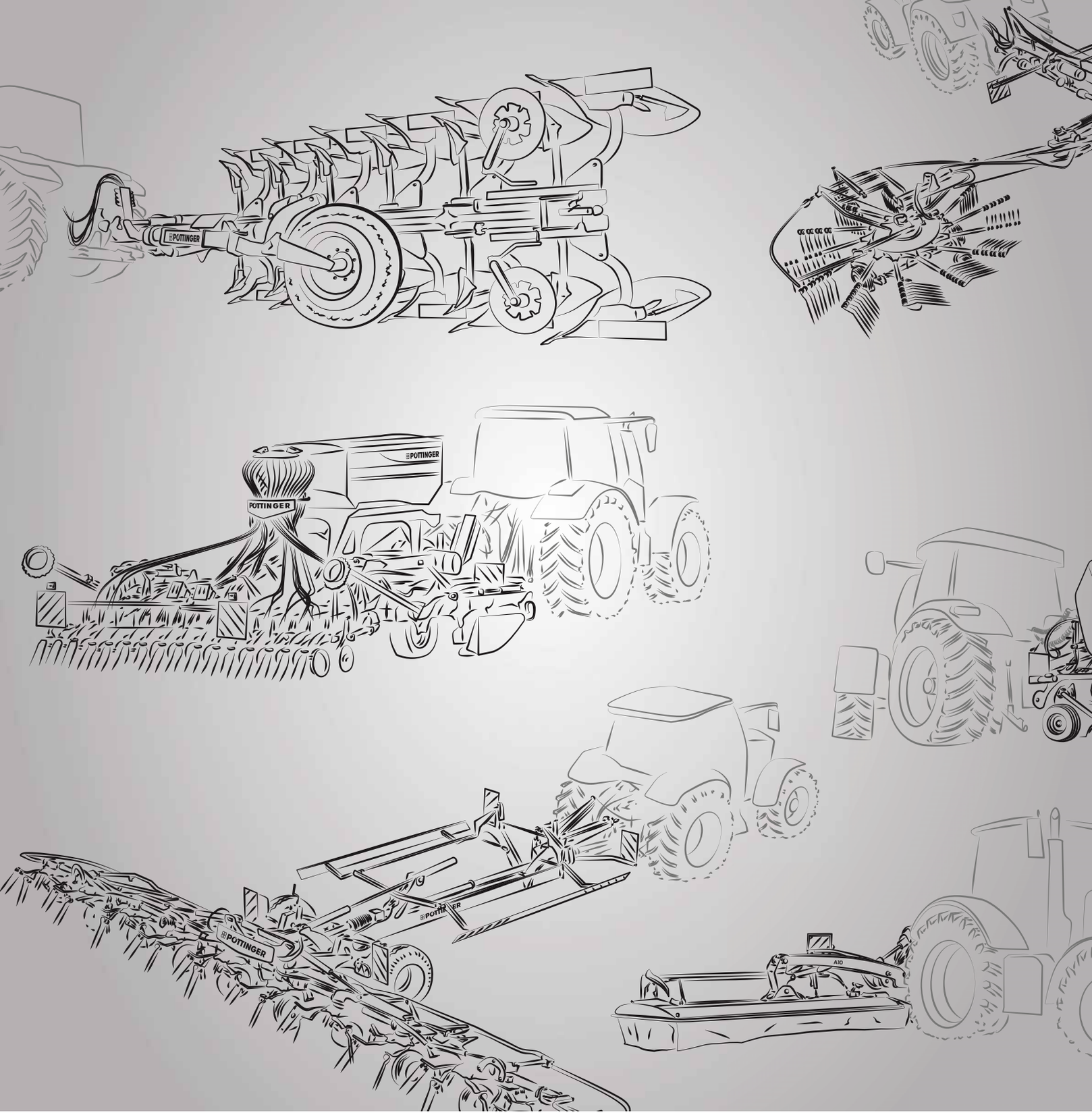
The TIZ Technology and Innovation centre is the heart of the PÖTTINGER quality assurance system. Machines are tested here for their quality and suitability for field conditions. Research, development and implementation go hand in hand.

The test centre is one of the most modern in the agricultural sector worldwide and has an excellent reputation. Many international manufacturers have their products tested here, including many famous car manufacturers.

These tests save time and money: up to 75 percent compared to testing in the field. The performance of a machine over its entire service life, for example, can be ascertained in a short period of time, This ensures maximum reliability in the field. At PÖTTINGER at least two prototypes are built of each new model. One is used for testing in the Technology and Testing Centre while the other is sent out into the field.

The testing facilities at the centre include a 4-post test bed for simulating road transport, a MAST (Multi-Axis Simulation Table), a component test rig for analysing individual parts, a climate chamber, driveline test stands and various electronic testing systems.

In parallel to all these tests, there are comprehensive trials being conducted in the field. The field testing plus the results from the technology centre ensure an optimum experience for the customer: PÖTTINGER's expertise has made us a market leader in process-oriented solutions for a wide range of arable and grassland applications. "We make work easier for our customers and increase their quality of life.



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